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ABSTRACT

This publication, one in a series of biennial reports, reports on the status of and projections for higher education enrollments in the state of Washington. The main sources of enrollment data included in this report are from the State Board for Community and Technical Colleges Management Information System and from the Higher Education Enrollment Reports covering four-year public institutions and branch campuses. Additional data were provided by individual institutional admissions offices, registrars, and research offices of all public and private four-year institutions and vocational-technical institutes and other agencies. Following a brief introduction in chapter 1, chapter 2 covers state enrollment highlights. Chapter 3 details student characteristics for public community colleges (Fall 1991) and for four-year public universities (Fall 1992). Chapter 4 shows actual and budgeted full-time equivalents of personnel at state 2-year and 4-year institutions. Chapter 5 looks at baseline fall enrollment projections for 1993-94 to 2020-21. Chapter 6 contains an applications match study of student financial aid indicating the level of unmet need. Chapter 7 shows county participation rates. Chapter 8 offers state education attainment data and state participation rates as compared to national averages. Extensive appendixes contain historical and current enrollment statistics and supporting and miscellaneous data for the enrollment projections. (JB)

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Higher Education Enrollment Statistics and Projections

1993-95 Biennium

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Washington State

Higher Education Enrollment Statistics and Projections

1993-95 Biennium

Office of
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Chapter 1

INTRODUCTION

Higher Education Enrollment Statistics and Projections is published biennially by the Forecasting Division of the Office of Financial Management (OFM). The present publication is the most recent addition to the series of biennial documents that report on the status of higher education enrollments.

Higher education budgets, faculty and staff levels, and workload are directly related to the number of students enrolled. Reliable enrollment statistics and projections are needed to help plan for the future.

This publication examines the Washington higher education system from an aggregate as well as an individual school perspective. The main purposes are to present:

- A statistical overview of the entire Washington higher education system,
- Historical actual and budgeted enrollment data,
- Enrollment projections based on current participation rates,
- A perspective on demand for higher education and unmet need, and
- County enrollment participation and state enrollment participation compared to other states.

OFM will publish individual school enrollment highlights as a supplement to this document. The supplemental issue will include materials received from the respective schools on the following subjects:

- University/College Characteristics,
- Access,
- Service Level and Student Flow,
- Off Campus Programs, and
- Institutional Goals or Objectives.

The main sources of enrollment data included in this document are from:

- State Board for Community and Technical Colleges (SBCTC) Management Information System (MIS), and
- Higher Education Enrollment Reports (HEER) from each four-year public institution and branch campuses.

Additional data were provided by individual institutional admissions, registrar, and research offices of all public and private four-year institutions and vocational-technical institutes, the Higher Education Coordinating Board (HECB), the National Center for Higher Education Management System (NCHEMS), the U.S. Census Bureau, and the OFM Forecasting Division.

Chapter 2

WASHINGTON HIGHER EDUCATION ENROLLMENT HIGHLIGHTS GENERAL CHARACTERISTICS

Washington Higher Education System

Washington's public higher education system consists of twenty-seven community colleges, five technical colleges (no comparable enrollment data), six four-year universities/college, five branch campuses, one evening program, and one education center to provide higher education services.

The six four-year universities/college are located in Seattle, Pullman, Ellensburg, Cheney, Olympia, and Bellingham. Branch campuses, an evening program, and an education center have been established in Bothell, Tacoma, Spokane, Richland, Vancouver, Seattle, and Yakima. The community and technical college system provides access to every major city in the state. Locations are shown in Figure 2-1.

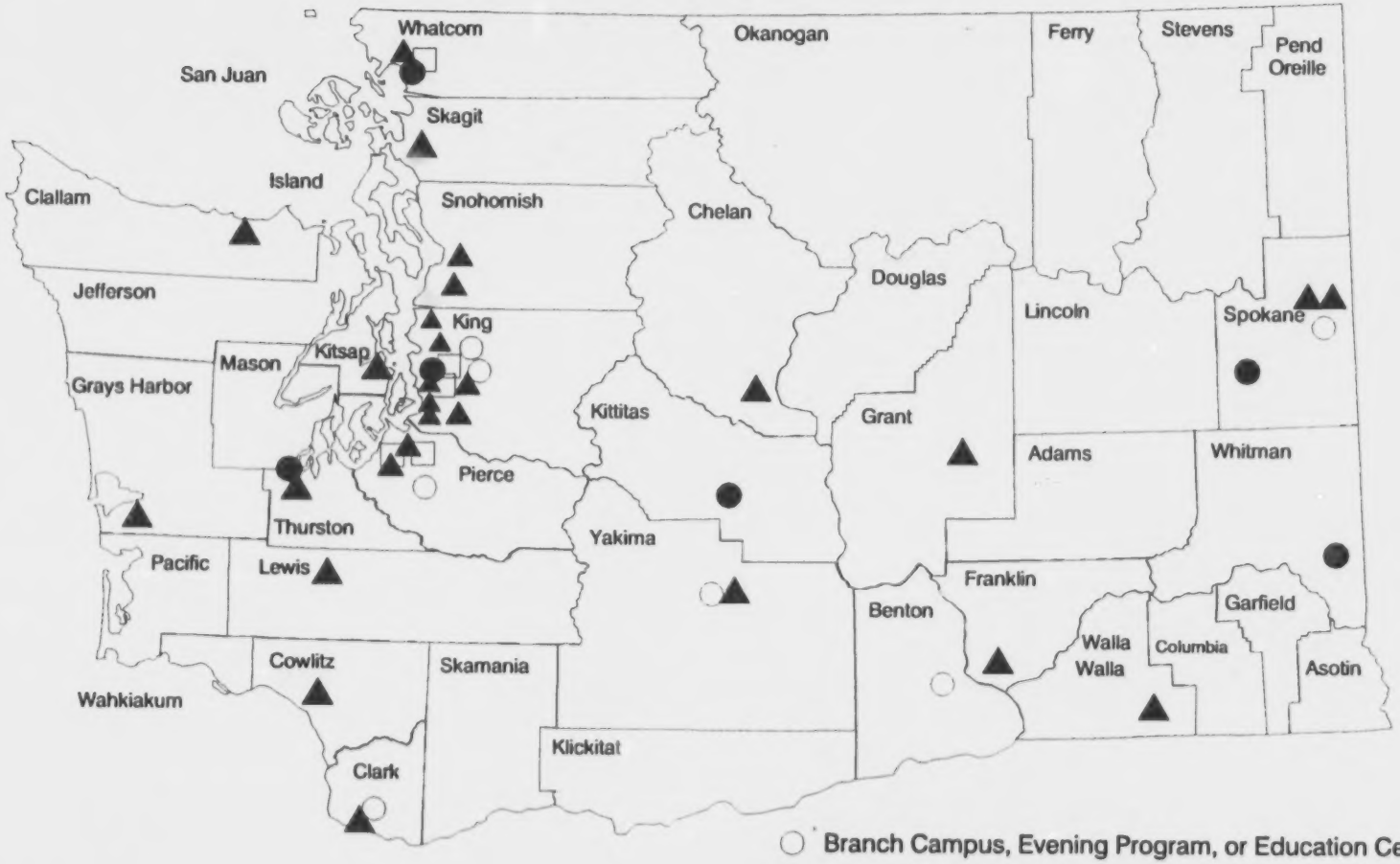
There are fifteen recognized private higher education institutions. These institutions participate in the Integrated Post Secondary Education Data System (IPEDS) by submitting various IPEDS reports to the Higher Education Coordinating Board (HECB). Six institutions are located in King; two institutions each in Pierce, Spokane, and Walla Walla; and one institution each in Snohomish, Thurston, and Yakima Counties. Locations are shown in Figure 2-2.

Entrance Eligibility to Public Institutions

In general, any individual is eligible to attend any of the twenty-seven public community and five technical colleges upon payment of tuition. Individuals participate at community and technical colleges on a first come, first served basis.

Any individual is eligible to apply to any of the six public four-year universities/colleges and branch campuses/education centers. To attend, individuals must first meet the specific admission standard of the institution to which they have applied, and are then, (See Appendix B-1) in most cases, served on a first come, first served basis. Each school maintains its own application deadlines and operates its own admissions procedures. A practice of "pooling" is used to make certain admissions determinations after the preset application deadline. A "rolling" admission practice is also used to screen applications as they are submitted. All four-year universities/college maintain other admission procedures for special cases.

Figure 2-1
Public Higher Education Institutions



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○ Branch Campus, Evening Program, or Education Center
● Public Four-Year Universities/College
▲ Public Two-Year Community Colleges
□ Public Technical Colleges

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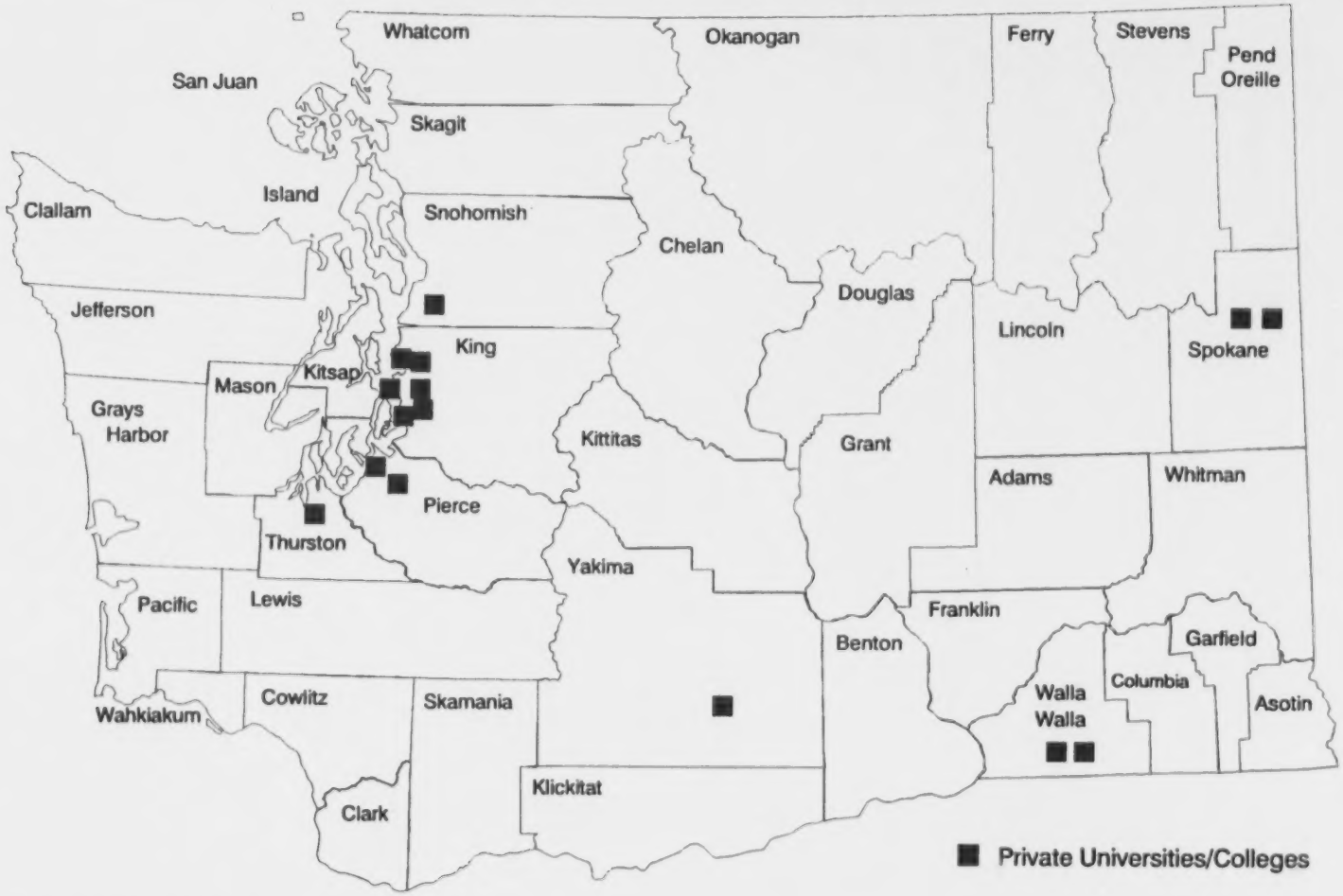
Figure 2-2
Private Four-Year Universities and Colleges



State of Washington

Washington Higher Education Enrollment Trends, 1980-1991
See History of Enrollment by Institution, Appendices A-1 to A-4

Historically, the combined two- and four-year public institution enrollments have constituted more than 85 percent of the total Washington higher education enrollment. In 1991, the public share was 87 percent. The remaining 13 percent represents service by private institutions (Figure 2-3). Within the 87 percent public institution enrollment, the community college system totals 55 percent and the public four-year institutions total 33 percent. The share of private institutions enrollment has increased from 11.43 percent in 1981 to 13.01 percent in 1991 (Table 2-1).

Table 2-1
Higher Education Fall Headcount Enrollment for
Public Two- and Four-Year and Private Four-Year Schools
1980 to 1991

	Public 2-Year		Public 4-Year		Private 4-Year		Total	
Year	Hdcnt.	Percent	Hdcnt.	Percent	Hdcnt.	Percent	Hdcnt.	Percent
1980	184,391	62.57	83,206	28.24	27,088	9.19	294,685	100.00
1981	138,955	56.17	80,143	32.40	28,275	11.43	247,373	100.00
1982	123,776	53.85	78,112	33.98	27,977	12.17	229,865	100.00
1983	125,520	54.00	78,553	33.79	28,374	12.21	232,447	100.00
1984	129,861	54.89	78,659	33.25	28,051	11.86	236,571	100.00
1985	130,498	55.31	77,509	32.85	27,952	11.85	235,959	100.00
1986	134,522	56.12	77,250	32.23	27,928	11.65	239,700	100.00
1987	132,838	55.45	77,781	32.47	28,951	12.08	239,570	100.00
1988	135,012	55.38	78,250	32.10	30,522	12.52	243,784	100.00
1989	134,775	55.47	78,043	32.12	30,135	12.40	242,953	100.00
1990	134,779	54.63	80,520	32.64	31,396	12.73	246,695	100.00
1991	135,082 [1]	54.38	80,989	32.61	32,315	13.01	248,386	100.00

[1]Includes the Timber Worker Displacement enrollments (125 students).

Notes:

Public two-year higher education institutions include enrollment from all 27 community colleges throughout the state; does not include technical colleges.

Public Four-Year Universities/College:

University of Washington — Washington State University — Central Washington University
Eastern Washington University — The Evergreen State College — Western Washington University
Joint Center for Graduate Study (1980-1984)/Tri-Cities University Center (1985-1988)

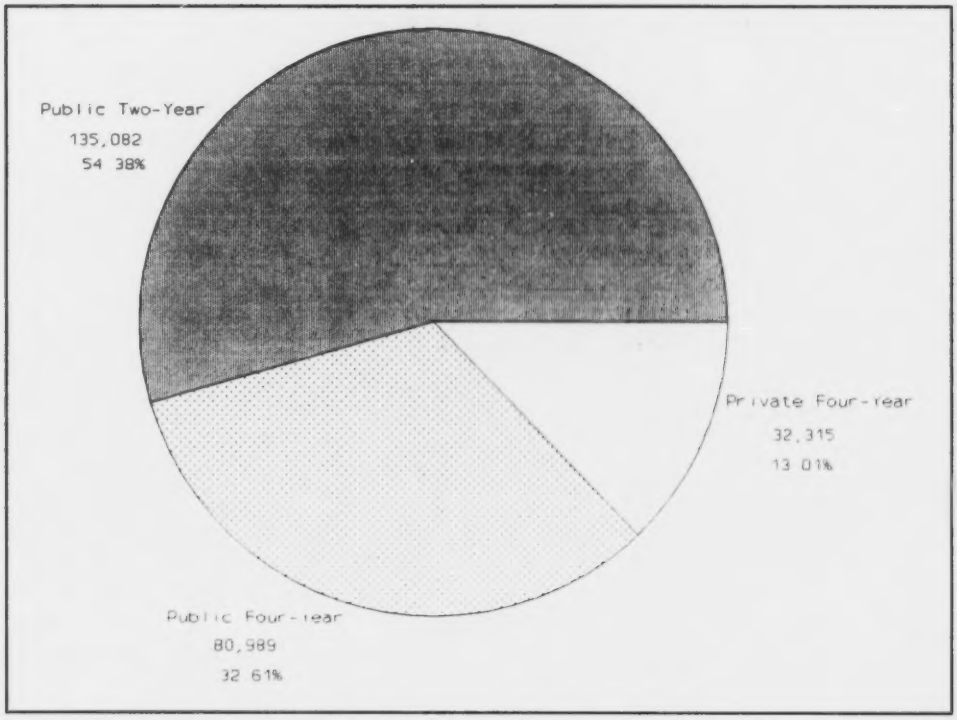
Branch Campuses and Evening and Off-Campus Program Center:

UW - Evening Program — WSU - Spokane — CWU - Yakima Education Center
UW - Bothell/Woodinville — WSU - Tri-Cities (since Fall 1989)
UW - Tacoma — WSU - SW Washington

Private Four-Year Universities/Colleges:

City University — Cornish College — Heritage College
Gonzaga University — Lutheran Bible — Institute Northwest College
Pacific Lutheran University — Puget Sound Christian College — St. Martin's College
Seattle Pacific University — Seattle University — University of Puget Sound
Walla Walla College — Whitman College — Whitworth College

Figure 2-3
Fall 1991 Headcount Enrollment
Public and Private Higher Education Schools



The community college system is comprised of 27 colleges throughout the state (not including 5 technical colleges). Table 2-2 presents enrollment shares by college for Fall 1991. The enrollments range from 8,173 for Spokane Falls to 1,666 students for Big Bend Community College. The average enrollment is about 5,003 students (See Appendices A-1 & A-2 for the community college enrollment history by college). Starting in 1991, five technical colleges have been added to the community college system to constitute a new community and technical college system. These colleges are Bates, Bellingham, Clover Park, Lake Washington, and Renton. Due to lack of comparable data, figures do not include technical college enrollments.

Table 2-2
Fall 1991 Headcount Enrollment
Community Colleges

Community College	Headcount	Percent of Total	Rank	Percentile Rank
Spokane Falls	8,173	6.05	1	100.00
Seattle Central	7,540	5.58	2	96.30
Clark	7,464	5.53	3	92.59
Highline	7,364	5.45	4	88.89
Bellevue	7,143	5.29	5	85.19
North Seattle	6,525	4.83	6	81.48
Shoreline	6,499	4.81	7	77.78
Pierce College	6,463	4.78	8	74.07
Spokane	6,443	4.77	9	70.37
Everett	6,430	4.76	10	66.67
Green River	6,079	4.50	11	62.96
Columbia Basin	6,040	4.47	12	59.26
Olympic College	5,213	3.86	13	55.56
Edmonds	5,068	3.75	14	51.85
South Seattle	5,050	3.74	15	48.15
Yakima Valley	4,641	3.44	16	44.44
Tacoma	4,581	3.39	17	40.74
Skagit Valley College	4,408	3.26	18	37.04
South Puget Sound	3,754	2.78	19	33.33
Walla Walla	3,298	2.44	20	29.63
Lower Columbia College	3,295	2.44	21	25.93
Centralia	2,580	1.91	22	22.22
Wenatchee Valley	2,554	1.89	23	18.52
Whatcom	2,302	1.70	24	14.81
Peninsula College	2,294	1.70	25	11.11
Grays Harbor	2,215	1.64	26	7.41
Big Bend	1,666	1.23	27	3.70
Total	135,082	100.00		
Average Headcount	5,003			

Source: MIS Fall 1991 report, does not include technical colleges.

Four-year public institution enrollments for Fall 1992 are shown in Table 2-3. Out of 82,288 total students, 60 percent enrolled in the main campuses of the University of Washington in Seattle and Washington State University in Pullman. The four regional universities/college serve about 36 percent. The remaining 4 percent are enrolled in branch campuses, one evening program (UW - Evening Program), and one off-campus program (CWU - Yakima). See Appendix A-3 for the four-year institution enrollment history by university and college.

Table 2-3
Fall 1992 Headcount Enrollment
Public Four-Year Universities/College

College/University	Enrollment	Percent of Total
UW-Seattle	33,637	40.88
UW-Evening Program	459	0.56
UW-Bothell/Woodinville	439	0.53
UW-Tacoma	482	0.59
WSU-Pullman	15,781	19.18
WSU-Spokane	236	0.29
WSU-Tri-Cities	1,069	1.30
WSU-SW Washington	565	0.69
CWU-Ellensburg	7,579	9.21
CWU-Yakima	118	0.14
EWU	8,363	10.16
TESC	3,410	4.14
WWU	10,150	12.33
Total	82,288	100.00

Source: HEER report, Fall 1992

Enrollments at public higher education institutions have been capped since 1983. Overall, higher education enrollment growth has been closely tied to long term state demographic trends. See Figure 2-6. Table 2-4 and Figures 2-4 and 2-5 show the growth in the two- and four-year universities/college.

Table 2-4
Historical Fall Term Headcount Enrollment
Public Higher Education, 1960 to 1991

Year	4-Year Public Institutions[1]	Community College System[2]	Total
1960	39,428	10,886	50,314
1961	41,280	14,549	55,829
1962	42,645	26,443	69,088
1963	46,222	28,476	74,698
1964	50,082	33,181	83,263
1965	54,985	41,105	96,090
1966	58,261	50,611	108,872
1967	62,697	74,363	137,060
1968	68,056	78,652	146,708
1969	73,891	91,701	165,592
1970	71,826	108,679	180,505
1971	73,190	104,454	177,644
1972	73,189	118,647	191,836
1973	72,855	133,835	206,690
1974	74,812	141,414	216,226
1975	78,573	151,644	230,217
1976	78,873	140,824	219,697
1977	80,885	154,892	235,777
1978	79,977	167,628	247,605
1979	82,476	191,529	274,005
1980	83,206	184,391	267,597
1981	80,143	138,955	219,098
1982	78,112	123,776	201,888
1983	78,553	125,520	204,073
1984	78,659	129,861	208,520
1985	77,509	130,498	208,007
1986	77,250	134,522	211,772
1987	77,781	132,838	210,619
1988	78,250	135,012	213,261
1989	78,043	134,775	212,818
1990	80,520	134,779	215,219
1991	80,989	135,082	216,071
1992	82,288	n.a.	n.a.

[1]State funded enrollments only, including Tri-Cities University Center for 1960-88 and WSU Tri-Cities since 1989.

[2]State funded enrollments except:
1) 1962-70 figures include auditors, and
2) 1971-75 figures include contract funded enrollments.

Sources: Four-Year Institutions - Higher Education Enrollment Report (HEER)
Community College System - Management Information System Report (MIS)

Between 1970 and 1980, enrollment in public four-year universities/college increased by 16 percent, while two-year school enrollment increased by 70 percent. The total enrollment increase was 48 percent (Table 2-4).

During the late 1960s and through much of the 1970s, rapid enrollment growth occurred as the Baby Boom generation reached college age. Substantial increases in female participation in higher education occurred concurrently with the increase of females in the labor force. The expansion of the community college system provided widespread access to higher education and contributed to the rapid enrollment growth in this period.

Between 1980 and 1991, enrollment declined 3 percent in the four-year institutions and 27 percent in the community colleges. A weakening economy in the early 1980s combined with budgetary enrollment caps in 1983 contributed to the decline.

However, from 1983-89 enrollment at the four-year schools remained almost constant at an average of 78,000 students per year and increased by almost 3 percent in 1991 and 1992, even though the college age population of young adults decreased. At the same time, enrollment at the community colleges has been continuing to grow from 125,520 in 1983 to 135,082 in Fall 1991. Enrollment lids were raised during this period. Consequently, total two- and four-year public institution enrollment increased by 6 percent from 1983 to 1991.

Figure 2-4
Fall Term Enrollment, 1970 to 1991
Public Two-Year Community Colleges

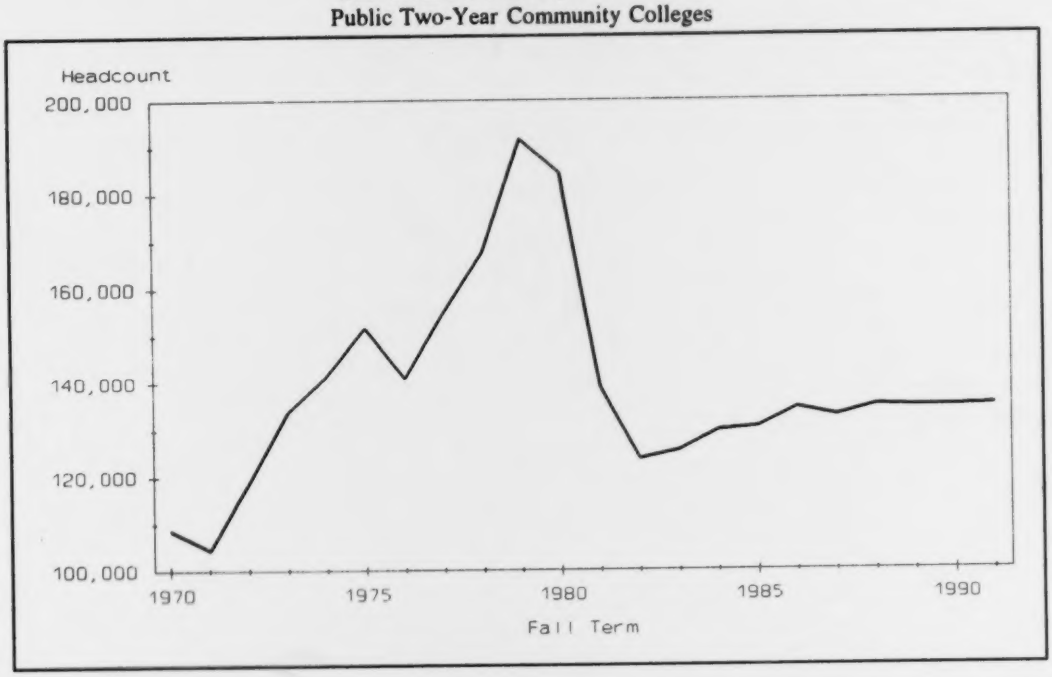


Figure 2-5
Fall Term Enrollment, 1970 to 1992
Public Four-Year Universities/College

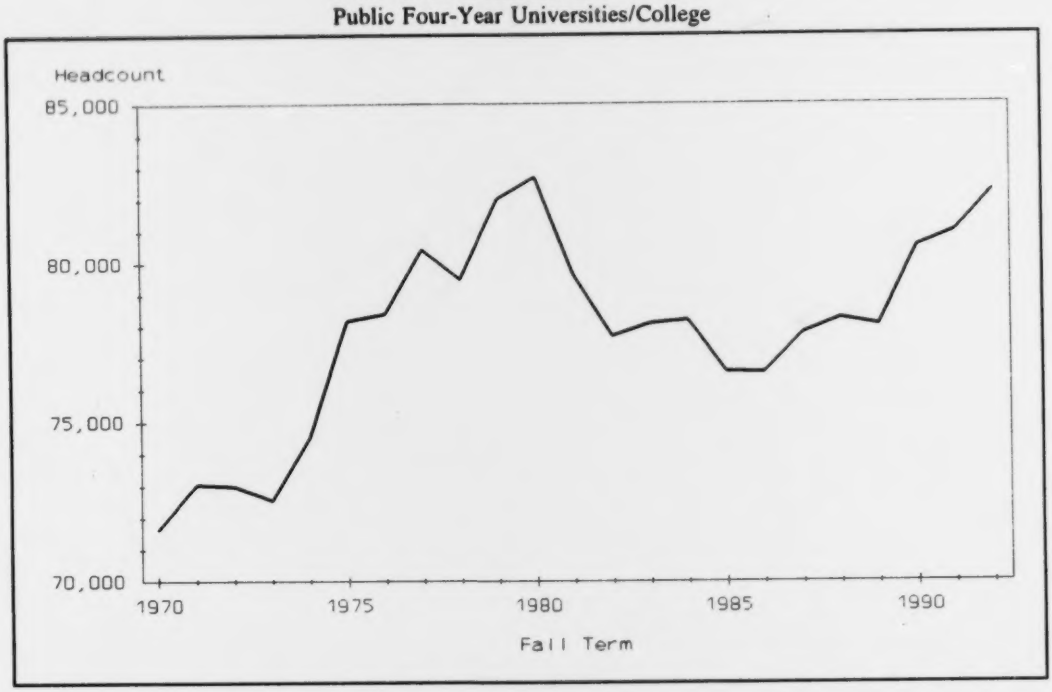
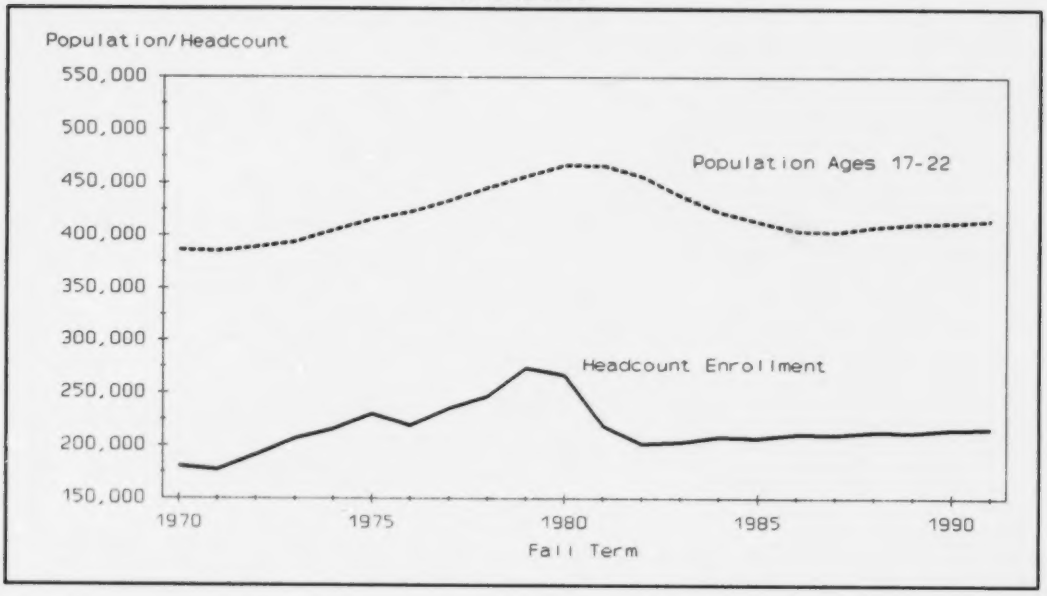


Figure 2-6
Population Age 17-22 Years and
Total State Fall Term Enrollment
1970 to 1991



Degrees Awarded

The number of degrees awarded for the community college system increased by 15 percent in five years from 1986-87 to 1990-91. The degrees for academic programs which are transferable to four-year institutions increased by 39 percent while there was a decrease of 11 percent for vocational program degrees awarded as shown in Table 2-5.

Degrees for four-year public institutions in bachelors, masters, and doctoral level increased by 7, 12, and 12 percent respectively. However, professional degrees decreased by 5 percent. The number of private four-year degrees increased by 9 and 72 percent in bachelors and masters. In contrast, doctoral and professional degrees decreased by 33 and 12 percent, respectively. See Table 2-5.

For all two- and four-year public and private schools, the total number of degrees awarded was 38,586 in 1990-91 compared to 34,446 in 1986-87, a gain of 12 percent.

Table 2-5
Summary of Degrees Awarded for Washington Higher Education
1986-87 to 1990-91

Degree Type	1986-87	1987-88	1988-89	1989-90	1990-91	1990-91 % of Total	5 Years % Diff.
Associate Degrees Granted: Community Colleges							
Academic	5,902	6,414	6,889	7,636	8,204	63.19	39.00
Vocational	5,383	4,612	4,361	4,655	4,779	36.81	-11.22
Associate Total	11,285	11,026	11,250	12,291	12,983	100.00	15.05
Bachelors Degrees Granted: Four-Year Institutions							
Public Total	13,323	13,166	13,604	13,747	14,268	74.82	7.09
Private Total	4,402	4,361	4,443	4,457	4,801	25.18	9.06
Bachelors Total	17,725	17,527	18,047	18,204	19,069	100.00	7.58
Masters Degrees Granted: Four-Year Institutions							
Public Total	2,908	2,937	2,951	3,371	3,256	64.09	11.97
Private Total	1,061	1,555	1,227	1,797	1,824	35.91	71.91
Masters Total	3,969	4,492	4,178	5,168	5,080	100.00	27.99
Doctoral Degrees Granted: Four-Year Institutions							
Public Total	563	541	554	599	632	96.34	12.26
Private Total	36	35	29	33	24	3.66	-33.33
Doctoral Total	599	576	583	632	656	100.00	9.52
Professional Degrees Granted: Four-Year Institutions							
Public Total	458	486	438	466	437	54.76	-4.59
Private Total	410	379	345	361	361	45.24	-11.95
Professional Total	868	865	783	827	798	100.00	-8.06
Grand Total	34,446	34,486	34,841	37,122	38,586		12.02

Source: HECB-IPEDS Degree Awarded reports. (SECII:Table2_5:Deg8591:12/3/92)

The baccalaureate and associate degrees awarded by disciplines between 1984-85 and 1990-91 are shown in Table 2-6. The total baccalaureate degrees for public four-year institutions increased by 10.30 percent during this period. By discipline, Business and Education increased by 2.88 and 6.12 percent, respectively. The largest increases were in Arts & Humanities and Social Sciences. Degrees awarded in Agriculture, Architecture, Engineering, Health Sciences, Mathematics, Physical Sciences, Life Sciences, and Computer & Information Sciences all declined.

Private four-year universities as a whole showed a decline in Business (-.95%) and an increase in Life Sciences (22.37%). The rest of disciplines indicate similar trends as the public four-year institutions. The total degree growth rate in all private four-year universities between 1984-85 and 1990-91 was 6.81 percent.

For the Community Colleges, the total number of associate degrees increased by 26.80 percent, from 10,239 in 1984-85 to 12,983 in 1990-91. Associate degrees for Academic Programs increased by 48.81 (See Liberal/General Studies) percent while Vocational degrees, the remainder of the associated degrees, increased only 1.12 percent.

Degree Production

In 1990-91, the Washington higher education system produced 38,586 degrees with a total fall enrollment of 246,695. See Table 2-7. Forty-eight percent of the degrees were from the four-year public institutions. The four-year private institutions contributed 18 percent. The remaining 34 percent was from the two-year public community college system.

Allowing the community college student an average of three years to earn a degree, the percent of degree completion to total enrollment three years prior was 5.55 in 1982-83. The percentage increased to 8.92 in 1985-86 then gradually declined to 8.36 in 1988-89. The rates improved to 9.25 in 1989-90 and 9.62 in 1990-91. See Line "% Deg of Enr: Three Yr-Lag" of "Two-Year Public School" in Table 2-7.

Allowing the four-year institution student an average of five years to complete a degree, the number of degrees completed as a percent of total enrollment in 1985-86 was 20.22; it increased to 23.99 in 1990-91 for public institutions. For the private four-year institutions, the percentages started at 22.86 percent in 1985-86 then increased to 25.08 percent in 1990-91.

Applying an average of four years to completion for the whole system, the average completion rate was 11.32 in 1984-85 and was 16.10 in 1990-91, an increase of 4.78 percentage points.

Table 2-6
Baccalaureate and Associate Degrees
by Two-Digit Classification of Instructional Programs (CIP) Codes and Titles
for Two-Year Public and Four-Year Public and Private Higher Education Institutions
1984-85 and 1990-91

CIP Code	CIP Title	Four-Year Institution Baccalaureate Degree						Two-Year Institution Associate Degree		
		Private Universities[1]			Public Universities[2]			Community Colleges[3]		
		1984-85	1990-91	% Dif.	1984-85	1990-91	% Dif.	1984-85	1990-91	% Dif.
1	Agribusiness and Agri. Production	-	-	-	60	46	-23.3	72	67	-6.9
2	Agricultural Sciences	-	-	-	112	45	-59.8	-	-	-
3	Renewable Natural Resources	-	-	-	108	81	-25.0	35	56	60.0
4	Architecture & Environmental Design	3	0	-100.0	310	264	-14.8	26	37	42.3
5	Area and Ethnic Studies	14	17	21.4	102	155	52.0	-	-	-
6	Business and Management	1,153	1,142	-1.0	2,500	2,572	2.9	560	371	-33.8
7	Business (Administrative Support)	0	3	+	68	40	-41.2	578	613	6.1
8	Marketing and Distribution	7	4	-42.9	30	12	-60.0	120	159	32.5
9	Communications	149	206	38.3	627	726	15.8	24	6	-75.0
10	Communication Technologies	-	-	-	29	0	-100.0	17	10	-41.2
11	Computer and Information Sciences	158	92	-41.8	184	175	-4.9	246	207	-15.9
12	Consumer, Personal and Misc. Serv.	-	-	-	-	-	-	33	17	-48.5
13	Education	360	463	28.6	1,095	1,162	6.1	77	2	-97.4
14	Engineering	257	249	-3.1	1,091	970	-11.1	50	-	-100.0
15	Engineering & Eng. Related Tech.	5	7	40.0	125	144	15.2	592	351	-40.7
16	Foreign Language	61	81	32.8	117	204	74.4	4	-	-100.0
17	Allied Health	97	49	-49.5	240	151	-37.1	436	603	38.3
18	Health Sciences	341	229	-32.8	466	449	-3.6	729	922	26.5
19	Home Economics	37	16	-56.8	197	188	-4.6	18	-	-100.0
20	Vocational Home Economics	1	0	-100.0	2	0	-100.0	86	204	137.2
22	Law	25	19	-24.0	-	-	-	103	189	83.5
23	Letters	174	308	77.0	582	836	43.6	3	2	-33.3
24	Liberal/General Studies	47	71	51.1	719	981	36.4	5,513	8,204	48.8
25	Library and Archival Sciences	-	-	-	-	-	-	9	19	111.1
26	Life Sciences	152	186	22.4	464	472	1.7	15	-	-100.0
27	Mathematics	83	71	-14.5	244	184	-24.6	7	-	-100.0
28	Military Sciences	-	-	-	28	4	-85.7	-	-	-
30	Multi/Interdisciplinary Studies	107	96	-10.3	253	298	17.8	1	-	-100.0
31	Parks and Recreation	11	10	-9.1	141	177	25.5	17	35	105.9
36	Leisure and Recreation Studies	-	37	+	-	-	-	-	-	-
38	Philosophy and Religion	92	66	-28.3	45	64	42.2	-	-	-
39	Theology	179	93	-48.0	-	-	-	-	-	-
40	Physical Sciences	114	105	-7.9	323	194	-39.9	14	-	-100.0
41	Science Technology	-	-	-	-	-	-	55	19	-65.5
42	Psychology	195	282	44.6	582	825	41.8	3	-	-100.0
43	Protective Services	28	54	92.9	181	225	24.3	173	155	-10.4
44	Public Affairs	52	69	32.7	93	160	72.0	15	-	-100.0
45	Social Sciences	384	540	40.6	1,270	1,910	50.4	16	-	-100.0
46	Construction Trade	-	-	-	-	-	-	40	15	-62.5
47	Mechanics and Repairers	2	1	-50.0	-	-	-	268	355	32.5
48	Precision Production	-	-	-	7	0	-100.0	127	324	155.1
49	Transportation and Material Moving	2	4	100.0	10	35	250.0	129	36	-72.1
50	Visual and Performing Arts	205	231	12.7	531	519	-2.3	28	5	-82.1
	Total	4,495	4,801	6.8	12,936	14,268	10.3	10,239	12,983	26.8

[1]Private Four-Year Institutions include City U., Cornish C., Gonzaga U., Heritage C., Lutheran Bible Institute, Northwest C., Pacific Lutheran U., Puget Sound Christian C., Saint Martin's C., Seattle Pacific U., Seattle U., U. of Puget Sound, Walla Walla C., Whitman C., and Whitworth C.
[2]Public Four-Year Institutions include CWU, EWU, TESC, UW, WSU, and WWU.
[3]Public Two-Year Institutions include all 27 community colleges, does not include technical colleges.

Source: National Center of Education Statistics (NCES): Integrated Postsecondary Education Data System (IPEDS), Completion Survey, 1985 and 1991. (DEGREE:8591Book:1/20/92)

Table 2-7
Fall Enrollment and Degrees Awarded by Washington Higher Education Institutions
1980-81 to 1990-91

Type of School	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87	1987-88	1988-89	1989-90	1990-91	1990-91 % of Total
Two-Year Public School												
Fall Enrollment	184,391	138,955	123,776	125,520	129,861	130,498	134,522	132,838	135,012	134,775	134,779	54.63
Public Degrees[1]	10,880	10,116	10,241	10,449	10,239	11,201	11,285	11,026	11,250	12,291	12,983	33.65
% Deg of Enr: 2 Yr Lag			5.55	7.52	8.27	8.92	8.69	8.45	8.36	9.25	9.62	
% Deg of Enr: 3 Yr Lag				5.67	7.37	9.05	8.99	8.49	8.62	9.14	9.77	
% Deg of Enr: 4 Yr Lag					5.55	8.06	9.12	8.78	8.66	9.42	9.65	
Four-Year Public School												
Fall Enrollment	83,206	80,143	78,112	78,553	78,659	77,509	77,250	77,781	78,250	78,043	80,520	32.64
Public Degrees[2]	16,573	18,019	17,706	16,733	16,639	16,824	17,252	17,130	17,547	18,183	18,593	48.19
% Deg of Enr: 3 Yr Lag				20.11	20.76	21.54	21.96	21.78	22.64	23.54	23.90	
% Deg of Enr: 4 Yr Lag					20.00	20.99	22.09	21.81	22.31	23.46	24.07	
% Deg of Enr: 5 Yr Lag						20.22	21.53	21.93	22.34	23.12	23.99	
% Deg of Enr: 6 Yr Lag							20.73	21.37	22.46	23.15	23.64	
Four-Year Private School												
Fall Enrollment	27,088	28,275	27,977	28,374	28,051	27,952	27,928	28,951	30,522	30,135	31,396	12.73
Private Degrees[2]	5,858	6,024	6,285	6,516	6,487	6,193	5,909	6,330	6,044	6,648	7,010	18.17
% Deg of Enr: 3 Yr Lag				24.05	22.94	22.14	20.83	22.57	21.62	23.80	24.21	
% Deg of Enr: 4 Yr Lag					23.95	21.90	21.12	22.31	21.55	23.78	25.10	
% Deg of Enr: 5 Yr Lag						22.86	20.90	22.63	21.30	23.70	25.08	
% Deg of Enr: 6 Yr Lag							21.81	22.39	21.60	23.43	24.99	
Four-Year Public and Private Schools												
Fall Enrollment	110,294	108,418	106,089	106,927	106,710	105,461	105,178	106,732	108,772	108,178	111,916	45.37
Public/Private Degrees	22,431	24,043	23,991	23,249	23,126	23,017	23,161	23,460	23,591	24,831	25,603	66.35
% Deg of Enr: 3 Yr Lag				21.08	21.33	21.70	21.66	21.98	22.37	23.61	23.99	
% Deg of Enr: 4 Yr Lag					20.97	21.23	21.83	21.94	22.11	23.55	24.34	
% Deg of Enr: 5 Yr Lag						20.87	21.36	22.11	22.06	23.27	24.28	
% Deg of Enr: 6 Yr Lag							21.00	21.64	22.24	23.22	23.99	
Two- and Four-Year Public and Private Schools												
Fall Enrollment	294,685	247,373	229,865	232,447	236,571	235,959	239,700	239,570	243,784	242,953	246,695	100.00
Public/Private Degrees	33,311	34,159	34,232	33,698	33,365	34,218	34,446	34,486	34,841	37,122	38,586	100.00
% Deg of Enr: 3 Yr Lag				11.44	13.49	14.89	14.82	14.58	14.77	15.49	16.11	
% Deg of Enr: 4 Yr Lag					11.32	13.83	14.99	14.84	14.73	15.73	16.10	
% Deg of Enr: 5 Yr Lag						11.61	13.92	15.00	14.99	15.69	16.35	
% Deg of Enr: 6 Yr Lag							11.69	13.94	15.16	15.97	16.31	

[1]Includes Academic and Vocational.
[2]Includes Bachelors, Masters, Doctoral, and Professional degrees.

Sources: Degrees Awarded from the HECB-IPEDS Degree Awarded reports.
Two- and four-year public institution enrollments from the OFM MIS and HEER (Including Tri-Cities U Center and WSU-Tri-Cities) reports.
Four-year private institution enrollment from HECB-IPEDS Fall Enrollment reports.

(SecII:Table2_6:enr_deg%:12/3/92)

Chapter 3

WASHINGTON HIGHER EDUCATION STUDENT CHARACTERISTICS FALL 1991 FOR PUBLIC COMMUNITY COLLEGES FALL 1992 FOR FOUR-YEAR PUBLIC UNIVERSITIES/COLLEGE

Age and Gender Characteristics

Female students comprise about 60 percent of the total student body for cómmunity colleges (Table 3-1) and slightly more than 50 percent of the total four-year and total main-campus four-year enrollments (Table 3-2 and 3-3). At the branch campuses 60 percent (Table 3-4) of total enrollment is female.

The average age of two-year community college students is 31 years old while the four-year student is younger, at 24 years old. The average branch campus student is 33 years old.

Table 3-1
Community College System[1] Enrollment by Age and Sex, Fall 1991

	Academic		Vocational	
Age	Male	Female	Male	Female
17-22	18,107	19,994	9,093	10,604
23-29	6,283	7,706	5,678	8,324
30-39	3,631	7,717	5,548	13,198
40+	2,839	7,970	3,743	6,788
Not Indicated	308	550	409	692
Subtotal	31,168	43,937	24,471	39,606
Total Male/Female		75,105		64,077
Percent of Total	41.50	58.50	38.19	61.81
Avg. Age by Sex	25.54	29.82	28.89	31.05
Total Avg. Age		28.04		30.22

	Basic Skill		Total	
Age	Male	Female	Male	Female
17-22	7,024	7,747	24,367	26,851
23-29	3,302	4,473	12,247	15,933
30-39	2,661	4,670	9,818	20,837
40+	1,851	3,130	7,341	15,419
Not Indicated	264	296	844	1,425
Subtotal	15,102	20,316	54,617	80,465
Total Male/Female		35,418		135,082
Percent of Total	42.64	57.36	40.43	59.57
Avg. Age by Sex	27.20	29.00	27.88	31.19
Total Avg. Age		28.23		29.85

[1]Does not include technical colleges.
Includes Timber Worker Enrollment.
Students with ages unknown are not included in the age averaging.
Program enrollments do not add up to total due to duplications.

Source: MIS report - SR3101, Fall 1991. (Sec2:Table3_1:CCa&s:11/23/92)

Table 3-2
Enrollment by Age, Sex, and Class: Fall 1992
Public Four-Year Institutions

	Freshman		Sophomore		Junior	
Age	Male	Female	Male	Female	Male	Female
17-22	6,878	7,219	5,101	5,394	6,338	6,742
23-29	192	139	541	405	2,234	1,676
30-39	65	75	126	210	559	1,073
40+	20	44	47	108	208	589
Unknown	2	2	9	5	10	8
Subtotal	7,157	7,479	5,824	6,122	9,349	10,088
Total Male/Female		14,636		11,946		19,437
Percent of Total	48.90	51.10	48.75	51.25	48.10	51.90
Avg. Age	19.01	18.87	20.93	20.99	23.17	24.32
Total Avg. Age		18.94		20.96		23.77

	Senior		Unclassified 5		Graduate	
Age	Male	Female	Male	Female	Male	Female
17-22	4,175	4,821	37	74	290	264
23-29	4,085	2,849	465	594	3,057	2,640
30-39	921	1,224	371	473	2,224	1,870
40+	366	797	231	354	799	1,194
Unknown	7	6	0	2	3	6
Subtotal	9,554	9,697	1,104	1,497	6,373	5,974
Total Male/Female		19,251		2,601		12,347
Percent of Total	49.63	50.37	42.45	57.55	51.62	48.38
Avg. Age by Sex	24.98	26.00	32.57	32.87	30.87	32.17
Total Avg. Age		25.49		32.74		31.50

	Professional		Other		Total	
Age	Male	Female	Male	Female	Male	Female
17-22	73	91	76	77	22,968	24,682
23-29	587	450	81	87	11,242	8,840
30-39	132	119	72	74	4,470	5,118
40+	23	20	43	60	1,737	3,166
Unknown	0	0	3	2	34	31
Subtotal	815	680	275	300	40,451	41,837
Total Male/Female		1,495		575		82,288
Percent of Total	54.52	45.48	47.83	52.17	49.16	50.84
Avg. Age by Sex	26.65	26.78	29.78	30.70	24.12	24.76
Total Avg. Age		26.71		30.26		24.45

Source: Fall 1992 HEER Report Table 1, 2, and 3. (Table3-2:11/25/92)

Table 3-3
Enrollment by Age, Sex, and Class: Fall 1992
Public Four-Year Institutions: Main Campus Only

	Freshman		Sophomore		Junior	
Age	Male	Female	Male	Female	Male	Female
17-22	6,876	7,218	5,092	5,376	6,291	6,649
23-29	191	136	528	390	2,125	1,541
30-39	62	70	115	196	479	828
40+	20	43	39	93	181	426
Unknown	1	2	9	5	10	7
Subtotal	7,150	7,469	5,783	6,060	9,086	9,451
Total Male/Female		14,619		11,843		18,537
Percent of Total	48.91	51.09	48.83	51.17	49.02	50.98
Avg. Age by Sex	19.00	18.86	20.86	20.88	23.00	23.69
Total Avg. Age		18.93		20.87		23.35

	Senior		Unclassified 5		Graduate	
Age	Male	Female	Male	Female	Male	Female
17-22	4,124	4,754	37	74	286	259
23-29	3,981	2,725	459	590	2,926	2,514
30-39	853	1,081	356	464	2,072	1,757
40+	339	662	222	343	697	1,068
Unknown	6	5	0	2	1	4
Subtotal	9,303	9,227	1,074	1,473	5,982	5,602
Total Male/Female		18,530		2,547		11,584
Percent of Total	50.21	49.79	42.17	57.83	51.64	48.36
Avg. Age by Sex	24.86	25.62	32.49	32.77	30.64	31.98
Total Avg. Age		25.24		32.65		31.29

	Professional		Other		Total	
Age	Male	Female	Male	Female	Male	Female
17-22	73	91	59	61	22,838	24,482
23-29	587	450	54	56	10,851	8,402
30-39	132	119	27	38	4,096	4,553
40+	23	20	16	31	1,537	2,686
Unknown	0	0	0	0	27	25
Subtotal	815	680	156	186	39,349	40,148
Total Male/Female		1,495		342		79,497
Percent of Total	54.52	45.48	45.61	54.39	49.50	50.50
Avg. Age by Sex	26.65	26.78	27.24	29.23	23.91	24.38
Total Avg. Age		26.71		28.32		24.15

Source: Fall 1992 HEER Report Table 1, 2, and 3. (Table3-2:11/25/92)

Table 3-4
Enrollment by Age, Sex, and Class: Fall 1992
Public Four-Year Institutions: Branch Campus Only

	Freshman		Sophomore		Junior	
Age	Male	Female	Male	Female	Male	Female
17-22	2	1	9	18	47	93
23-29	1	3	13	15	109	135
30-39	3	5	11	14	80	245
40+	0	1	8	15	27	163
Unknown	1	0	0	0	0	1
Subtotal	7	10	41	62	263	637
Total Male/Female		17		103		900
Percent of Total	41.18	58.82	39.81	60.19	29.22	70.78
Avg. Age by Sex	28.50	32.90	30.37	30.90	29.32	33.68
Total Avg. Age		31.25		30.69		32.40

	Senior		Unclassified 5		Graduate	
Age	Male	Female	Male	Female	Male	Female
17-22	51	67	0	0	4	5
23-29	104	124	6	4	131	126
30-39	68	143	15	9	152	113
40+	27	135	9	11	102	126
Unknown	1	1	0	0	2	2
Subtotal	251	470	30	24	391	372
Total Male/Female		721		54		763
Percent of Total	34.81	65.19	55.56	44.44	51.25	48.75
Avg. Age by Sex	29.31	33.54	35.63	38.96	34.46	35.06
Total Avg. Age		32.07		37.11		34.75

	Professional		Other		Total	
Age	Male	Female	Male	Female	Male	Female
17-22	0	0	17	16	130	200
23-29	0	0	27	31	391	438
30-39	0	0	45	36	374	565
40+	0	0	27	29	200	480
Unknown	0	0	3	2	7	6
Subtotal	0	0	119	114	1,102	1,689
Total Male/Female		0		233		2,791
Percent of Total	0.00	0.00	51.07	48.93	39.48	60.52
Avg. Age by Sex	0.00	0.00	33.20	33.14	31.76	33.88
Total Avg. Age		0.00		33.17		33.04

Source: Fall 1992 HEER Report Table 1, 2, and 3. (Table3-2:11/25/92)

Credit Hours Enrolled

While the majority of two-year students are enrolled below 10 credit hour (or part time), in Fall 1992 the average four-year student enrolled at slightly more than the official full-time level, or 13.39 credit hours (Table 3-5).

The average four-year branch campus student enrolled at 8.11 credit hours (Table 3-7), compared to 13.58 for the average main campus student (Table 3-6). Eighty-seven percent of four-year main campus students are full time compared with thirty-five percent for branch campus students.

For the total main and branch campus students, 33 percent are in lower division (freshman, sophomore and other), 50 percent are in upper division (junior, senior, and unclassified 5), and the remaining 17 percent are graduate and professional students (Table 3-5).

Table 3-5
Students by Credit Hours Enrolled: Fall 1992
Public Four-Year Institutions: Total

		Student Classification by Division		
Credit Hours	Total	Lower	Upper	Grad/Prof
1-6	7,233	788	3,519	2,926
Column %	8.79	2.90	8.52	21.14
Row %	100.00	10.89	48.65	40.45
7-9	4,625	315	1,845	2,465
Column %	5.62	1.16	4.47	17.81
Row %	100.00	6.81	39.89	53.30
10-18	68,168	25,749	34,486	7,933
Column %	82.84	94.82	83.52	57.31
Row %	100.00	37.77	50.59	11.64
19+	2,262	305	1,439	518
Column %	2.75	1.12	3.49	3.74
Row %	100.00	13.48	63.62	22.90
Total	82,288	27,157	41,289	13,842
Column %	100.00	100.00	100.00	100.00
Row %	100.00	33.00	50.18	16.82
Avg. Hr. Enr.	13.39	14.50	13.57	10.69

Notes:
Lower Division = Freshman + Sophomore + Other (Non-Matriculated)
Upper Division = Junior + Senior + Unclassified 5 (Post-Bac.)
Grad/Prof = Graduate + Professional Students

Source: HEER reports: Table 15, 16, and 17. (Sec3:Table3_5:creXXXXX:12/18/92)

Table 3-6
Students by Credit Hours Enrolled: Fall 1992
Public Four-Year Institutions: Main Campus Only

Credit Hours	Total	Student Classification by Division		
		Lower	Upper	Grad/Prof
1-6	5,837	577	2,969	2,291
Column Percent	7.34	2.15	7.49	17.52
Row Percent	100.00	9.89	50.87	39.25
7-9	4,354	287	1,645	2,422
Column Percent	5.48	1.07	4.15	18.52
Row Percent	100.00	6.59	37.78	55.63
10-18	67,061	25,636	33,577	7,848
Column Percent	84.36	95.64	84.76	60.00
Row Percent	100.00	38.23	50.07	11.70
19+	2,245	304	1,423	518
Column Percent	2.82	1.13	3.59	3.96
Row Percent	100.00	13.54	63.39	23.07
Total	79,497	26,804	39,614	13,079
Column Percent	100.00	100.00	100.00	100.00
Row Percent	100.00	33.72	49.83	16.45
Avg. Hr. Enr.	13.58	14.60	13.73	11.02

Notes:
Lower Division = Freshman + Sophomore + Other (Non-Matriculated).
Upper Division = Junior + Senior + Unclassified 5 (Post-Bac.).
Grad/Prof = Graduate + Professional Students.

Source: HEER reports: Table 15, 16, and 17.(Sec3:Table3_6:creXXXXX:12/18/92)

Table 3-7
Students by Credit Hours Enrolled: Fall 1992
Public Four-Year Institutions: Branch Campuses Only

Credit Hours	Total	Student Classification by Division		
		Lower	Upper	Grad/Prof
1-6	1,396	211	550	635
Column Percent	50.02	59.77	32.84	83.22
Row Percent	100.00	15.11	39.40	45.49
7-9	271	28	200	43
Column Percent	9.71	7.93	11.94	5.64
Row Percent	100.00	10.33	73.80	15.87
10-18	1,107	113	909	85
Column Percent	39.66	32.01	54.27	11.14
Row Percent	100.00	10.21	82.11	7.68
19+	17	1	16	0
Column Percent	0.61	0.28	0.96	0.00
Row Percent	100.00	5.88	94.12	0.00
Total	2,791	353	1,675	763
Column Percent	100.00	100.00	100.00	100.00
Row Percent	100.00	12.65	60.01	27.34
Avg. Hr. Enr.	8.11	7.10	9.75	4.95

Notes:
Lower Division = Freshman + Sophomore + Other (Non-Matriculated).
Upper Division = Junior + Senior + Unclassified 5 (Post-Bac.)
Grad/Prof = Graduate + Professional Students

Source: HEER reports: Table 15, 16, and 17. (Sec3:Table3_7:creXXXXX:12/18/92)

Resident/Non-Resident Status

The percentages of resident, domestic non-resident, and foreign students are 86 percent, 10 percent, and 4 percent, respectively. The regional universities have higher resident student percentages compared to the research universities (92 percent compared to 83 percent). Sixty-five percent of graduate and professional students have resident status. See Table 3-8.

Table 3-8
Resident and Non-Resident Students in Public Four-Year Institutions
Research and Regional Universities/College: Fall 1992

	Lower Division		Upper Division		Grad/Prof		Total	
Status	Hdcnt.	Percent	Hdcnt.	Percent	Hdcnt.	Percent	Hdcnt.	Percent
Research Universities								
Resident	14,430	86.61	21,883	90.66	7,353	61.95	43,666	82.91
Non-Resident, Domestic	1,729	10.38	1,452	6.02	2,843	23.95	6,024	11.44
Non-Resident, Foreign	502	3.01	802	3.32	1,674	14.10	2,978	5.65
Total	16,661	100.00	24,137	100.00	11,870	100.00	52,668	100.00
Regional Universities/Colleges								
Resident	9,408	89.63	16,036	93.49	1,689	85.65	27,133	91.60
Non-Resident, Domestic	853	8.13	768	4.48	194	9.84	1,815	6.13
Non-Resident, Foreign	235	2.24	348	2.03	89	4.51	672	2.27
Total	10,496	100.00	17,152	100.00	1,972	100.00	29,620	100.00
Total Four-Year Institutions								
Resident	23,838	87.78	37,919	91.84	9,042	65.32	70,799	86.04
Non-Resident, Domestic	2,582	9.51	2,220	5.38	3,037	21.94	7,839	9.53
Non-Resident, Foreign	737	2.71	1,150	2.79	1,763	12.74	3,650	4.44
Total	27,157	100.00	41,289	100.00	13,842	100.00	82,288	100.00

Notes:

Research Universities include UW-Seattle, UW-Evening, UW-Bothell, UW-Tacoma, WSU-Pullman (+SCHRA), WSU-Spokane, WSU-TriCities, and WSU-SW WA.
Regional Universities/College include CWU (+Yakima), EWU (+Spokane), TESC (+Tacoma) and WWU.
Lower Division includes Freshman, Sophomore, and Other (Non-Matriculated).
Upper Division includes Junior, Senior, and Unclassified 5 (Post-Baccalaureate)
Resident is a student who domiciled in Washington State according to RCW 28B.15.012.
Domestic Non-Resident is a student who did not domicile in Washington State according to the RCW 28B.15.012 or is not a foreign student.
Foreign Non-Resident is student who attended an institution on a F-1 visa, or a Canadian with border crossing privilege.

Source: HEER Table 18, Fall 1992. (Sec3:Table3_8:4yresxxx:12/18/92)

Geographic Characteristics

King, Spokane, Snohomish, and Pierce Counties contribute almost 62 percent of total enrollment at two- and four-year public institutions. Seventy-five percent of total enrollment is from west of the Cascades. This is consistent with population patterns. Seventy-eight percent of the population age 17 and over resides in Western Washington (Table 3-9). The county participation rate statistics are shown in Chapter 7.

Table 3-9
Total Two- and Four-Year Public Institution Fall Enrollment
With Washington Population Ages 17 and Over by County

Origin	17+ State Pop. 1992	1991 C.C. Fall Enr.	1992 4-Yr Fall Enr.	Total 2-Year and 4-Year Fall Enr.	Total 2-Year and 4-Year Pcnt. of Total
* King	1,220,530	42,123	26,680	68,803	34.42
Spokane	278,962	12,681	7,154	19,835	9.92
* Snohomish	360,862	12,713	4,624	17,337	8.67
* Pierce	458,387	11,607	5,579	17,186	8.60
* Clark	186,790	6,927	2,057	8,984	4.49
* Kitsap	149,826	4,989	2,149	7,138	3.57
* Thurston	129,001	4,399	2,496	6,895	3.45
Benton	84,199	4,419	2,476	6,895	3.45
Yakima	137,012	4,439	2,066	6,505	3.25
* Whatcom	103,760	2,488	1,978	4,466	2.23
* Cowlitz	62,219	2,952	702	3,654	1.83
* Skagit	63,792	2,363	895	3,258	1.63
Walla Walla	38,329	2,310	487	2,797	1.40
* Lewis	44,734	2,187	524	2,711	1.36
* Grays Harbor	48,340	2,041	463	2,504	1.25
* Clallam	45,892	1,964	430	2,394	1.20
Chelan	40,453	1,596	740	2,336	1.17
* Island	48,476	1,591	590	2,181	1.09
Grant	40,593	1,464	667	2,131	1.07
Franklin	26,093	1,420	451	1,871	0.94
Whitman	32,000	345	1,186	1,531	0.77
Okanogan	24,858	810	422	1,232	0.62
Kittitas	22,101	207	785	992	0.50
* Mason	31,161	715	257	972	0.49
Stevens	22,479	464	367	831	0.42
Asotin	13,182	492	171	663	0.33
* Jefferson	17,571	429	174	603	0.30
* Pacific	14,907	352	108	460	0.23
Adams	9,452	231	195	426	0.21
Pend Oreille	6,743	285	79	364	0.18
Lincoln	6,704	147	199	346	0.17
Douglas	20,121	84	242	326	0.16
* San Juan	9,047	189	121	310	0.15
Klickitat	12,283	116	150	266	0.13
Columbia	3,062	139	55	194	0.10
Ferry	4,689	119	49	168	0.08
* Skamania	6,207	77	58	135	0.07
Garfield	1,725	83	38	121	0.06
* Wahkiakum	2,588	40	24	64	0.03
Washington Total	3,829,130	131,997	67,888	199,885	100.00

* West of the Cascades.

Sources: Population estimate from OFM. Enrollments from MIS Fall 1991 and HEER Fall 1992. (Sec3:Table3_9:popcc4y:12/18/92)

Class Status, Retention, and Student Flow

Of the Fall 1992 enrollment of 82,228 for four-year public institutions, 11 percent are Freshman Entrants, 17 percent are Transfer Students, 67 percent are Continuing Students, and 5 percent are Other Entrants (formerly returning and unknown students). See Figure 3-1 and Table 3-10. The Continuing Student share has been increasing for the past ten years from 59 percent to 67 percent, while the share for the New Entering, Transfer Students, and Others has been decreasing from 41 percent to 33 percent as shown in the Table 3-10. The new entering student category alone has declined from 13.19 percent in 1979 to 11.19 percent in 1992.

Table 3-11 shows an increase in the spring to fall retention rate from 71.65 percent in 1986 to 74.33 percent in 1992, a change of +2.68 percentage points in seven years. These are students who were enrolled in the previous spring and who continued their enrollment to the subsequent fall term. If higher retention rates reflect measures to reduce drop-out rates, they can be viewed positively On the other hand, higher retention rates may also represent slow progress toward completion of studies, thereby reducing entrance opportunities for first time students.

Figure 3-1
Fall 1992 Four-Year Public Enrollment Components

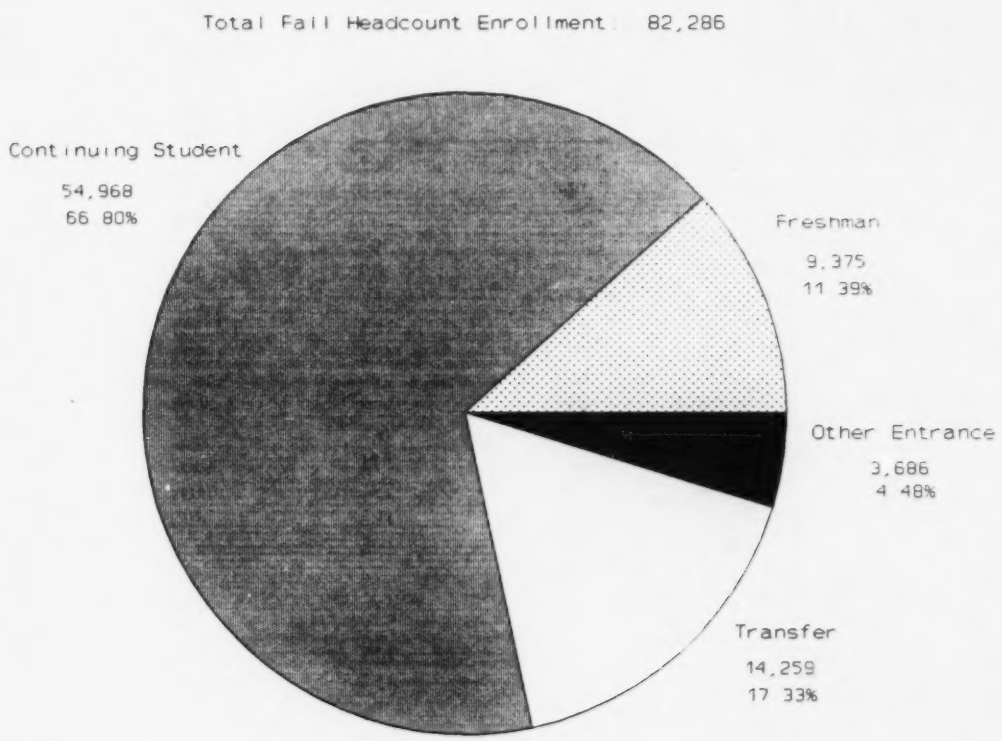


Table 3-10
Student Flow: Fall 1979 to Fall 1992
Total Four-Year Public Universities/College

Fall	Freshman Entrance	Transfers	Cont. Student	Other Entrance	Total Fall Headcount	Total Actual AA FTEs
1979	10,818	15,012	48,250	7,956	82,036	72,425
1980	10,532	13,032	49,446	9,686	82,696	74,090
1981	9,721	11,266	50,302	8,351	79,640	71,767
1982	9,807	11,126	49,591	7,173	77,697	70,012
1983	9,876	11,982	48,975	7,259	78,092	69,965
1984	10,042	12,254	48,799	7,099	78,194	69,570
1985	9,687	11,354	48,545	6,939	76,525	68,927
1986	9,504	12,377	49,945	4,732	76,558	68,961
1987	9,671	12,499	50,726	4,012	76,908	69,186
1988	9,978	12,470	51,130	3,804	77,382	69,934
1989	9,588	12,768	51,925	3,762	78,043	71,075
1990	9,320	13,941	53,646	3,610	80,517	72,566
1991	9,211	13,084	54,795	3,899	80,989	73,078
1992	9,209	14,313	54,968	3,798	82,288	n.a.

Percent of Total Headcount Enrollment Components

Fall	Freshman Entrance	Transfers	Cont. Student	Other Entrance	Total
1979	13.19	18.30	58.82	9.70	100.00
1980	12.74	15.76	59.79	11.71	100.00
1981	12.21	14.15	63.16	10.49	100.00
1982	12.62	14.32	63.83	9.23	100.00
1983	12.65	15.34	62.71	9.30	100.00
1984	12.84	15.67	62.41	9.08	100.00
1985	12.66	14.84	63.44	9.07	100.00
1986	12.41	16.17	65.24	6.18	100.00
1987	12.57	16.25	65.96	5.22	100.00
1988	12.89	16.11	66.07	4.92	100.00
1989	12.29	16.36	66.53	4.82	100.00
1990	11.58	17.31	66.63	4.48	100.00
1991	11.37	16.16	67.66	4.81	100.00
1992	11.19	17.39	66.80	4.62	100.00

n.a.: Not Applicable.

Notes:
Freshman Entrance = Washington High School + Out-of-State High School.
Transfer = Washington 2-Yr College + Washington 4-Yr Institution + Out-of-State Inst.
Continuing Student = Student continued enrollment from the previous Spring term.
Other Entrance = Former Student Returning + Unknown Source.

(Sec3:Table3_10:enr_com:12/18/92)

Table 3-11
Total Four-Year Public Institution Retention Rates
Spring to Fall, 1986 to 1992[1]

Class	1986	1987	1988	1989	1990	1991	1992
Freshman	81.54	82.36	84.23	85.30	86.23	85.84	86.71
Sophomore	84.42	84.99	86.89	87.48	87.76	88.43	89.39
Junior	88.73	88.87	90.27	91.57	91.15	91.03	92.34
Senior	51.22	53.51	52.27	51.53	53.40	53.58	52.47
Uncl. 5 (Post-Bac.)	45.95	51.60	51.79	54.69	52.93	57.82	61.16
Graduate	69.87	69.99	71.63	71.12	70.74	70.05	70.17
Professional	73.27	72.10	71.35	68.40	73.90	73.42	74.49
Other (Non-Matr.)	53.05	47.06	37.04	47.76	35.46	52.01	36.44
Total	71.65	72.76	73.41	73.87	74.35	74.88	74.33
Spring Enrollment	70,197	70,331	70,081	70,290	72,149	73,177	73,960
Fall Retention	50,060	51,173	51,443	51,925	53,646	54,795	54,972

[1]Includes the Tri-Cities University Center enrollment.

Source: HEER Table 14, Fall 1986-92. (Sec3:Table3_11:5ret_15:12/18/92)

Student Flow

Table 3-12 indicates that for the past five years (1988-1992):

The rate of Washington high school seniors entering the four-year institutions has slightly increased from 14.3 to 14.4 percent. See also Washington high school senior statistics in Appendix B-9.

The number of out-of-state high school entrances has increased from 1,191 in 1988 to 1,378 in 1992, or from 1.54 percent of total four-year enrollment in 1988 to 1.67 percent in 1992.

New transfers from the community college system have increased from 4,879 to 6,125 students or 12.29 percent of the total community college Academic Program annual average FTEs to 14.03 percent.

New transfers from Washington four-year institutions have increased from 3,478 to 3,497. However as percentages to the total public four-year previous spring enrollment, the rates decreased from 5.02 to 4.73 percent.

Out-of-state transfers have increased from 4,113 to 4,637 or from 5.32 percent of the total public four-year fall enrollment to 5.64 percent.

Continuing students have increased from 51,130 to 54,968 students, or from 73.81 percent of the total public four-year previous spring enrollment to 74.32 percent.

Former Returning Students and Students from Unknown Sources have decreased from 3,804 to 3,686.

For overall enrollment, the fall headcount has increased from 77,382 to 82,288, which is an increase of 6.34 percent from 1988 to 1992.

Table 3-12
Student Flow: Fall 1979 to Fall 1992
Total Four-Year Public Universities/College[1]

	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992
Freshman Entrance	10,818	10,532	9,721	9,807	9,876	10,042	9,687	9,504	9,671	9,978	9,588	9,320	9,211	9,375
WA High School	9,343	9,159	8,760	8,743	8,715	8,745	8,487	8,516	8,625	8,787	8,409	8,033	7,767	7,997
H.S. Senior Prev Fall	63,361	62,114	61,948	62,394	58,953	56,540	57,410	57,034	59,930	61,607	60,912	56,484	54,388	55,659[2]
Rate	0.1475	0.1475	0.1414	0.1401	0.1478	0.1547	0.1478	0.1493	0.1439	0.1426	0.1381	0.1422	0.1428	0.1437
Out-of-State H.S.	1,475	1,373	961	1,064	1,161	1,297	1,200	988	1,046	1,191	1,179	1,287	1,444	1,378
Pub 4-Yr Fall H'ct	82,036	82,696	79,640	77,697	78,092	78,194	76,782	76,558	76,908	77,382	78,043	80,517	80,989	82,288
Percent	1.80%	1.66%	1.21%	1.37%	1.49%	1.66%	1.56%	1.29%	1.36%	1.54%	1.51%	1.60%	1.78%	1.67%
Transfer	15,012	13,032	11,266	11,126	11,982	12,254	11,354	12,377	12,499	12,470	12,768	13,941	13,084	14,259
WA Community Col	4,761	4,795	4,428	4,154	4,592	4,755	4,341	4,771	4,830	4,879	5,246	5,913	5,505	6,125
CC Academic AA FTE	37,619	40,927	42,672	39,208	38,076	38,080	38,199	38,303	39,390	39,693	39,412	40,665	41,274	43,656
Rate	0.1266	0.1172	0.1038	0.1059	0.1206	0.1249	0.1136	0.1246	0.1226	0.1229	0.1331	0.1454	0.1334	0.1403
WA Four Year Inst.	4,323	3,366	2,867	3,101	3,227	3,281	3,052	3,608	3,620	3,478	3,404	3,553	3,301	3,497
Pub 4-Yr Prev Spr	74,438	74,280	74,820	72,167	70,902	70,814	69,093	69,775	69,331	69,273	70,290	72,149	73,340	73,960
Rate	0.0581	0.0453	0.0383	0.0430	0.0455	0.0463	0.0442	0.0517	0.0522	0.0502	0.0484	0.0492	0.0450	0.0473
Out-of-State Inst.	5,928	4,871	3,971	3,871	4,163	4,218	3,961	3,998	4,049	4,113	4,118	4,475	4,278	4,637
Pub 4-Yr Fall H'ct	82,036	82,696	79,640	77,697	78,092	78,194	76,782	76,558	76,908	77,382	78,043	80,517	80,989	82,288
Percent	0.0723	0.0589	0.0499	0.0498	0.0533	0.0539	0.0516	0.0522	0.0526	0.0532	0.0528	0.0556	0.0528	0.0564
Continuing Student	48,250	49,446	50,302	49,591	48,975	48,799	48,545	49,945	50,726	51,130	51,925	53,646	54,795	54,968
Continuing Student	48,250	49,446	50,302	49,591	48,975	48,799	48,545	49,945	50,726	51,130	51,925	53,646	54,795	54,968
Pub 4-Yr Prev Spr	74,438	74,280	74,820	72,167	70,901	70,814	69,093	69,775	69,331	69,273	70,290	72,149	73,340	73,960
Percent Retained	0.6482	0.6657	0.6723	0.6872	0.6908	0.6891	0.7026	0.7158	0.7316	0.7381	0.7387	0.7435	0.7471	0.7432
Other Entrance	7,956	9,686	8,351	7,173	7,259	7,099	6,939	4,732	4,012	3,804	3,762	3,610	3,899	3,686
Former Student	4,565	6,544	6,103	5,521	5,371	5,489	5,527	4,622	3,849	3,689	3,664	3,292	3,359	3,473
Unknown	3,391	3,142	2,248	1,652	1,888	1,610	1,412	110	163	115	98	318	540	213
Total Fall Headcount	82,036	82,696	79,640	77,697	78,092	78,194	76,525	76,558	76,908	77,382	78,043	80,517	80,989	82,288
Total AA FTE	72,425	74,090	71,767	70,012	69,965	69,570	68,927	68,961	69,177	69,934	71,075	72,566	73,078	73,749[3]

[1]Does not include the Tri-Cities University Center enrollment, during Fall 1979 to Fall 1988.
[2]Projected number.
[3]Budget Target (Includes Timber Worker Program).

(Sec3:Table3_12:5SF_16TOT:12/18/92)

Chapter 4

ACTUAL AND BUDGETED FULL-TIME EQUIVALENTS OF WASHINGTON TWO- AND FOUR-YEAR PUBLIC INSTITUTIONS

The Office of Financial Management (OFM) monitors actual budget activity of the community colleges and four-year institutions relative to budgeted full-time equivalents (FTEs). The 1991-93 Biennium budget states that:

> "Each institution shall enroll to its budgeted biennial average FTE enrollments, plus four percent or minus two percent, except each branch campus shall enroll within plus or minus twelve percent. . . . ."

If the average biennial FTE student enrollment of an institution or branch campus varies from the biennial allowable variances:

> ". . .then an amount equal to the student quality standard multiplied by the number of FTE students above or below the variances shall revert to the state general fund. . . . ."

This chapter reviews recent trends in both budgeted and actual FTEs.

For the public institution system, the variance between the actual and budgeted annual average FTEs ranged from 870 FTEs to 2,565 FTEs during Fiscal Years 1988-1992; with the percent differences ranging from +0.6 percent to +1.6 percent (Table 4-1).

The two-year public institution system was more than 1,000 FTEs over budgeted FTEs for each of the three Fiscal Years, 1988 to 1990. The actual variance was 515 in 1991 and increased to 2,137 in 1992. The average percentage variance during 1988-90 was +1.4. The variance dropped to +0.6 percent in 1991 and increased to +2.4 percent in 1992 (Table 4-2).

For the four-year public institutions as a whole, the variances averaged about +0.6 percent during the last five years (1988-92) or about 490 FTEs. The FTEs over budget were 428 in 1992 (Table 4-3).

Institutional actual and budgeted FTEs are shown in Tables 4-4 through 4-16.

Table 4-1
Public Two- and Four-Year University/College[1] System
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Percent Variance	Variance
FY 1978	156,750	156,733	17	0.0%
FY 1979	158,709	159,105	-396	-0.2%
FY 1980	170,273	161,438	8,835	5.5%
FY 1981	174,447	159,044 [2]	15,403	9.7%
FY 1982	157,868	159,200 [2]	-1,332	-0.8%
FY 1983	152,121	151,589 [2]	532	0.4%
FY 1984	152,282	151,755	527	0.3%
FY 1985	152,795	152,067	728	0.5%
FY 1986	152,483	152,435	48	0.0%
FY 1987	153,367	152,489	878	0.6%
FY 1988	153,481	152,611	870	0.6%
FY 1989	154,325	152,711	1,614	1.1%
FY 1990[3]	156,971	154,779	2,192	1.4%
FY 1991	158,581	157,241	1,340	0.9%
FY 1992[4]	162,865	160,300	2,565	1.6%
FY 1993[4]	n.a.	163,549	n.a.	n.a.

[1]Does not include the Tri-Cities University Center, 1978-89.
[2]Final revised budgeted enrollment level.
[3]WSU Tri-Cities is included, beginning 1990.
[4]Includes Timber Worker Program (See Table 4-16).
n.a.: Not Applicable.

Source: Office of Financial Management (4budvar:12/1/92)

Table 4-2
Community College System
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	85,666	86,072	-406	-0.5%
FY 1979	88,192	88,243	-51	-0.1%
FY 1980	97,848	90,101	7,747	8.6%
FY 1981	100,357	87,369 [1]	12,988	14.9%
FY 1982	86,101	87,400 [1]	-1,299	0.0%
FY 1983	82,109	79,789 [1]	2,320	2.9%
FY 1984	82,317	83,000	-683	-0.8%
FY 1985	83,225	83,000	225	0.3%
FY 1986	83,556	83,300	256	0.3%
FY 1987	84,406	83,300	1,106	1.3%
FY 1988	84,304	83,300	1,004	1.2%
FY 1989	84,392	83,300	1,092	1.3%
FY 1990	85,896	84,500	1,396	1.7%
FY 1991	86,015	85,500	515	0.6%
FY 1992	89,787	87,650	2,137	2.4%
FY 1993[2]	n.a.	89,800	n.a.	n.a.

[1]Final Revised Budgeted Enrollment Level.
[2]Includes Timber Worker Program (See Table 4-16).
n.a.: Not Applicable.

Source: Office of Financial Management (4budvar:12/18/92)

Table 4-3
Public Four-Year System[1]
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	71,084	70,661	423	0.6%
FY 1979	70,517	70,862	-345	-0.5%
FY 1980	72,425	71,337	1,088	1.5%
FY 1981	74,090	71,675	2,415	3.4%
FY 1982	71,767	71,800	-33	0.0%
FY 1983	70,012	71,800	-1,788	0.0%
FY 1984	69,965	68,755	1,210	1.8%
FY 1985	69,570	69,067	503	0.7%
FY 1986	68,927	69,135	-208	-0.3%
FY 1987	68,961	69,189	-228	-0.3%
FY 1988	69,177	69,311	-134	-0.2%
FY 1989	69,933	69,411	522	0.8%
FY 1990	71,075 [2]	70,279 [2]	796	1.1%
FY 1991	72,566	71,741	825	1.1%
FY 1992[3]	73,078	72,650	428	0.6%
FY 1993[3]	n.a.	73,749	n.a.	n.a.

[1]Does not include the Tri-Cities University Center, 1978-89.
[2]Beginning in FY 1990, WSU Tri-Cities is included.
[3]Includes Timber Worker Program (See Table 4-16).
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-4
University of Washington - Seattle[1]
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	31,754	31,105	649	2.1%
FY 1979	31,396	31,210	186	0.6%
FY 1980	31,737	31,210	527	1.7%
FY 1981	31,640	31,210	430	1.4%
FY 1982	30,190	31,000	-810	-2.6%
FY 1983	29,764	31,000	-1,236	-4.0%
FY 1984	29,673	29,496	177	0.6%
FY 1985	29,780	29,496	284	1.0%
FY 1986	29,570	29,500	70	0.2%
FY 1987	29,475	29,500	-25	-0.1%
FY 1988	29,493	29,500	-7	0.0%
FY 1989	29,679	29,500	179	0.6%
FY 1990	29,623	29,500	123	0.4%
FY 1991	29,711	29,500	211	0.7%
FY 1992	30,020	29,583	437	1.5%
FY 1993	n.a.	29,666	n.a.	n.a.

[1]The Evening Program, Bothell, and Tacoma enrollments are listed separately.
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-5
University of Washington - Evening Program[1]
Variance from Budgeted Enrollment: FY 1991 to FY 1993

	Actual Avg. FTEs	Budget Target	Percent Variance	Variance
FY 1991	188	300	-112	-37.3%
FY 1992	279	337	-58	-17.2%
FY 1993	n.a.	375	n.a.	n.a.

[1]Program began Fall 1991.

n.a.: Not Applicable.
Source: Office of Financial Management (4budvar:12/18/92)

Table 4-6
University of Washington - Bothell[1]
Variance from Budgeted Enrollment: FY 1991 to FY 1993

	Actual Avg. FTEs	Budget Target	Percent Variance	Variance
FY 1991	85	300	-215	-71.7%
FY 1992	168	300	-132	-44.0%
FY 1993	n.a.	395	n.a.	n.a.

[1]Program began Fall 1991.
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-7
University of Washington - Tacoma[1]
Variance from Budgeted Enrollment: FY 1991 to FY 1993

	Actual Avg. FTEs	Budget Target	Percent Variance	Variance
FY 1991	139	300	-161	-53.7%
FY 1992	256	300	-44	-14.7%
FY 1993	n.a.	390	n.a.	n.a.

[1]Program began Fall 1991.
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-8
Washington State University - Pullman
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Percent Variance	Variance
FY 1978	16,338	16,498	-160	-1.0%
FY 1979	16,150	16,500	-350	-2.1%
FY 1980	16,670	16,500	170	1.0%
FY 1981	17,266	16,500	766	4.6%
FY 1982	16,682	16,500	182	1.1%
FY 1983	16,382	16,500	-118	-0.7%
FY 1984	16,035	16,000	35	0.2%
FY 1985	15,951	16,000	-49	-0.3%
FY 1986	15,691	15,902	-211	-1.3%
FY 1987	15,599	15,884	-285	-1.8%
FY 1988	15,650	15,884	-234	-1.5%
FY 1989	15,644	15,884	-240	-1.5%
FY 1990	16,040	15,799	241	1.5%
FY 1991	15,992	15,799	193	1.2%
FY 1992	15,565	15,785	-220	-1.4%
FY 1993	n.a.	15,827	n.a.	n.a.

[1]The WSU-Spokane, Tri-Cities, and SW WA enrollments are listed separately. WSU-Timber Worker Program is listed in Table 4-16.
n.a.: Not Applicable.
Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-9
Washington State University - Spokane[1]
Variance from Budgeted Enrollment: FY 1990 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1990	36	19	17	89.5%
FY 1991	143	54	89	164.8%
FY 1992	148	143	5	3.5%
FY 1993	n.a.	177	n.a.	n.a.

[1]Program began Fall 1990.
n.a.: Not Applicable.
Source: Office of Financial Management (4budvar:12/18/92)

Table 4-10
Washington State University - Tri-Cities[1]
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1987	230	240	-10	-4.2%
FY 1988	385	385	0	0.0%
FY 1989	381	385	-4	-1.0%
FY 1990	384	390	-6	-1.5%
FY 1991	406	410	-4	-1.0%
FY 1992	424	448	-24	-5.4%
FY 1993	n.a.	486	n.a.	n.a.

* The Tri-Cities University Center opened in 1958. Beginning 1990, WSU is the program fiscal agent.
n.a.: Not Applicable.
Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-11
Washington State University - SW Washington[1]
Variance from Budgeted Enrollment: FY 1990 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1990	130	104	26	25.0%
FY 1991	236	218	18	8.3%
FY 1992	315	301	14	4.7%
FY 1993	n.a.	385	n.a.	n.a.

[1]Program began Fall 1990
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-12
Central Washington University[1]
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	5,842	5,852	-10	-0.2%
FY 1979	5,711	5,852	-141	-2.4%
FY 1980	5,895	5,868	27	0.5%
FY 1981	5,987	5,895	92	1.6%
FY 1982	5,995	5,900	95	1.6%
FY 1983	5,949	5,900	49	0.8%
FY 1984	6,067	5,800	267	4.6%
FY 1985	6,003	5,955	48	0.8%
FY 1986	5,916	5,955	-39	-0.7%
FY 1987	6,040	5,955	85	1.4%
FY 1988	6,015	5,877	138	2.3%
FY 1989	6,018	5,877	141	2.4%
FY 1990	6,221	5,997	224	3.7%
FY 1991	6,429	6,090	339	5.6%
FY 1992	6,312	6,270	42	0.7%
FY 1993	n.a.	6,451	n.a.	n.a.

[1]Includes Yakima Program.
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-13
Eastern Washington University
Variance from Budgeted Enrollment[1]: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	6,280	6,300	-20	-0.3%
FY 1979	6,307	6,400	-93	-1.5%
FY 1980	6,756	6,475	281	4.3%
FY 1981	7,212	6,575	637	9.7%
FY 1982	7,085	6,800	285	4.2%
FY 1983	7,126	6,800	326	4.8%
FY 1984	7,220	7,000	220	3.1%
FY 1985	7,144	7,000	144	2.1%
FY 1986	6,871	7,000	-129	-1.8%
FY 1987	6,809 [1]	7,000 [1]	-191	-2.7%
FY 1988	6,872 [1]	7,000 [1]	-128	-1.8%
FY 1989	6,924 [1]	7,000 [1]	-76	-1.1%
FY 1990	7,214 [1]	7,020 [1]	194	2.8%
FY 1991	7,417 [1]	7,020 [1]	397	5.7%
FY 1992	7,360	7,194	166	2.3%
FY 1993	n.a.	7,368	n.a.	n.a.

[1]Budgeted enrollment includes EWU's participation in the Intercollegiate Center for Nursing Education (about 130 FTEs).
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-14
The Evergreen State University
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	2,303	2,500	-197	-7.9%
FY 1979	2,034	2,400	-366	-15.3%
FY 1980	2,175	2,300	-125	-5.4%
FY 1981	2,388	2,375	13	0.5%
FY 1982	2,432	2,500	-68	-2.7%
FY 1983	2,267	2,500	-233	-9.3%
FY 1984	2,365	2,209	156	7.1%
FY 1985	2,426	2,366 [1]	60	2.5%
FY 1986	2,582	2,528 [1]	54	2.1%
FY 1987	2,628	2,600 [1]	28	1.1%
FY 1988	2,790	2,800	-10	-0.4%
FY 1989	3,018	2,900	118	4.1%
FY 1990	2,988	3,000	-12	-0.4%
FY 1991	3,089	3,100	-11	-0.4%
FY 1992	3,203	3,139	64	2.0%
FY 1993	n.a.	3,178	n.a.	n.a.

[1]Final Revised Budgeted Enrollment Level.
n.a.: Not Applicable.

Source: Office of Financial Management (4Budvar:12/18/92)

Table 4-15
Western Washington University
Variance from Budgeted Enrollment: FY 1978 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
FY 1978	8,567	8,406	161	1.9%
FY 1979	8,919	8,500	419	4.9%
FY 1980	9,192	8,984	208	2.3%
FY 1981	9,597	9,120	477	5.2%
FY 1982	9,383	9,100	283	3.1%
FY 1983	8,524	9,100	-576	-6.3%
FY 1984	8,605	8,250	355	4.3%
FY 1985	8,266	8,250	16	0.2%
FY 1986	8,297	8,250	47	0.6%
FY 1987	8,410	8,250	160	1.9%
FY 1988	8,357	8,250	107	1.3%
FY 1989	8,650	8,250	400	4.8%
FY 1990	8,439	8,450	-11	-0.1%
FY 1991	8,731	8,650	81	0.9%
FY 1992	9,021	8,825	196	2.2%
FY 1993	n.a.	9,001	n.a.	n.a.

n.a.: Not Applicable.

Source: Office of Financial Management (4budvar: 12/18/92)

Table 4-16
Higher Education Coordinating Board - Timber Worker Program[1]
Variance from Budgeted Enrollment: FY 1992 to FY 1993

	Actual Avg. FTEs	Budget Target	Variance	Percent Variance
WSU - Port Angeles, Aberdeen, and Omak				
FY 1992	7	25	-18	-72.0%
FY 1993	n.a.	40	n.a.	n.a.
WWU - Port Angeles				
FY 1993	n.a.	10	n.a.	n.a.

[1]Program began FY 1992.

n.a.: Not Applicable.

Sources: Office of Financial Management and Higher Education Coordinating Board (4Budvar:12/18/92)

Chapter 5

BASELINE FALL ENROLLMENT PROJECTIONS, 1993-94 TO 2020-2021 TWO-YEAR AND FOUR-YEAR PUBLIC HIGHER EDUCATION

Not Including Technical Colleges

In accordance with RCW 43.62.050, the Office of Financial Management (OFM) issues biennial projections of higher education enrollment based on "current" rates of participation.

The enrollment projections reflect the number of students that would enroll in public two- and four-year higher education institutions in the future if "current" participation rates by age and sex were maintained. The projections are based upon the estimated Fall 1992 participation rate for the two-year colleges[1] and the actual Fall 1992 participation rate for four-year institutions. The rates are computed by using single year of age and sex of the population age 17 years old and over.

The enrollment projections are prepared in three steps. The first step is to calculate the participation rates, which are the number of students enrolled in Fall 1992 per 100 population of the corresponding year. The rate is computed for each single year of age and sex.

The second step is to apply the calculated participation rates to the most recent OFM population forecast (prepared in Fall 1992) for 1993-2020. This results in Fall headcount enrollment projections by single year of age and sex categories. The primary assumption of the projections is that the participation rate for 1993-2010 is held constant at the 1992 rate for the two- and four-year institutions.

In the third step, the projected headcount enrollments are converted to annual average full time equivalent (FTE) enrollments by applying the most recent five year average fall term headcount enrollment and annual average FTE ratios (See Appendix B-8).

Because current higher education enrollments are lidded, the projections represent the level of enrollments that would be attained in the future if current participation rates, reflecting the 1992 legislatively determined enrollment lids, were maintained. Therefore, the projections do not reflect persons who may currently be unserved by the Washington higher education system. Chapter 6 supplements the "current participation rate" projection for the four-year institutions with an analysis of unmet demand -- students who apply to Washington four-year institutions, but who are subsequently unserved by any component of the Washington higher education system.

Baseline Enrollment Projections

Since the current participation rate method is based on two factors - enrollment and population, the following analysis will cover the population change during 1970-2010 and participation rate trends. The enrollment projections are then presented in three different ranges of time. The intermediate range covers the 1993-95 Biennium. The short to medium range covers the next four biennia - 1995-97, 1997-99, 1999-01, and 2001-03. The long range covers the period of the next 30 years - 1993-94 to 2020-21.

Population Change, 1970-2010

See Figures 5-1 and 5-2

Higher education enrollment growth has been closely tied to the long term demographic trends of the state especially the prime college age population ages 17-22 years.

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[1]Since the 1992 actual Fall enrollment for community colleges is not available, the estimated enrollment is used. The estimated enrollment is obtained by applying the percentage difference of actual 1991-92 and budgeted FTEs to the 1992-93 budgeted FTEs. The estimated 1992-93 FTE enrollment is then converted to Fall 1992 headcount enrollment and calculated into single age and sex enrollments assuming the actual Fall 1991 distribution.

Although economic and workforce training needs are making higher demands on enrollment, continued slow growth in the prime college age population groups through the 1993-95 Biennium will place small additional enrollment pressures on the two- and four-year institutions.

After growing very rapidly during the 1970s, the 17-22 age population declined through most of the 1980s. The number of persons age 17-22 is forecast to rise slightly, from 413,000 in 1992 to 415,000 in 1995, before resuming strong growth in 1996. This population is expected to grow rapidly after 1996, reaching 524,000 by the year 2005.

The age 23-29 population, which also declined during the 1980s, is forecast to increase by 1,000 during the 1993-95 Biennium. This 23-29 year old group will resume strong growth after the year 2002.

The age 30-44 and age 45 and over population groups, which participate in higher education at much lower rates than 17-29 year olds, will grow substantially during the 1993-95 Biennium. However, due to their low participation rates, these groups will place relatively little pressure on higher education enrollments.

Participation Rates, 1970-1992

Participation rates for the youngest, prime college age groups have increased steadily since enrollment lids were established in 1981, while participation rates for the older groups declined.

Participation Rates of Four-Year Institutions
See Figure 5-3 and Appendix B-6

The participation rate of 17-22 year olds in four-year institutions increased throughout the 1980s; the rate is higher in 1992 than in 1980, before enrollment lids were established. The participation rate of 23-29 year olds increased between 1989 and 1992, and is slightly lower in 1992 than in 1980. The participation rate of persons 30 years of age and older has declined since 1987; the rate is only slightly lower than 1980.

Participation Rates of Two-Year Institutions
See Figure 5-4 and Appendix B-7

The participation rate for 17-22 year olds in the two-year institutions has increased steadily since 1986; the rate is higher in 1992 than 1980. The participation rate of 23-29 year olds in the two-year institutions fell after enrollment lids were established in the early 1980s; the rate for 23-29 year olds continued to decline slightly through the 1980s, before rising in 1991. The participation rate of persons 30 years of age and older has declined slightly since 1980, but is only slightly lower than in 1980.

1993-94 to 1994-95 Projections
See Table 5-1, 5-2, and Figure 5-5

For the two-year public institutions, the Fall 1991 headcount enrollment of 135,082 shows a small increase of 303 over the Fall 1990 level of 134,779 students. The increase was due mainly to higher enrollments in Academic and Basic Skill programs.

The estimated biennial FTEs for 1991-93 is 179,587. The projected 1993-95 FTE, based on a continuation of Fall 1992 participation rates, is 179,716, an increase of 129 FTEs over the 1991-93 level.

For the four-year public institutions, the Fall 1992 headcount enrollment of 82,228 represents an increase of 1,299 over the Fall 1991 headcount enrollment of 80,989 students. The increase from Fall 1992 to Fall 1991 was due mainly to higher levels of undergraduate transfers.

Figure 5-1
Population History and Forecast of Persons Age 17-22 and Age 23-29
1970 to 2010

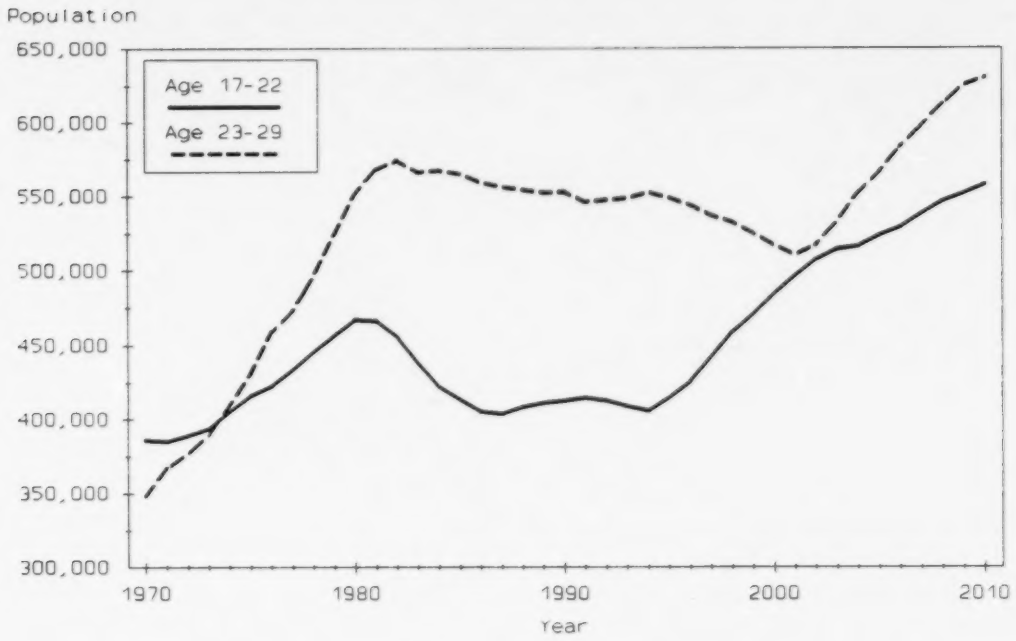


Figure 5-2
Population History and Forecast of Persons Age 30-44 and 45+
1970 to 2010

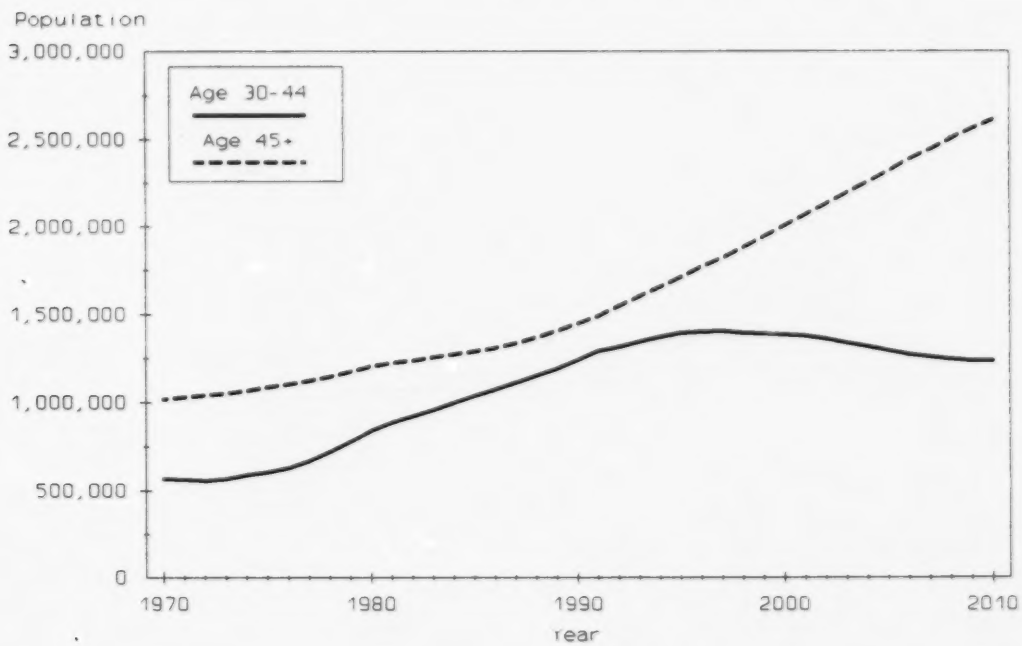


Figure 5-3
Participation Rates for Public Four-Year Universities/College
By Selected Age Groups, 1970 to 1992

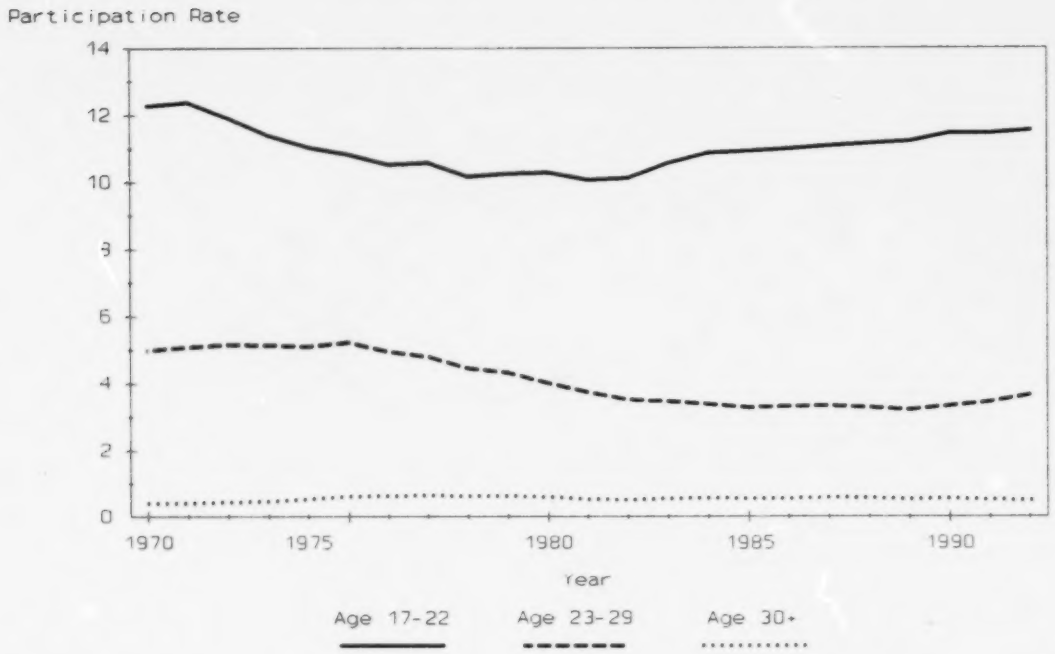
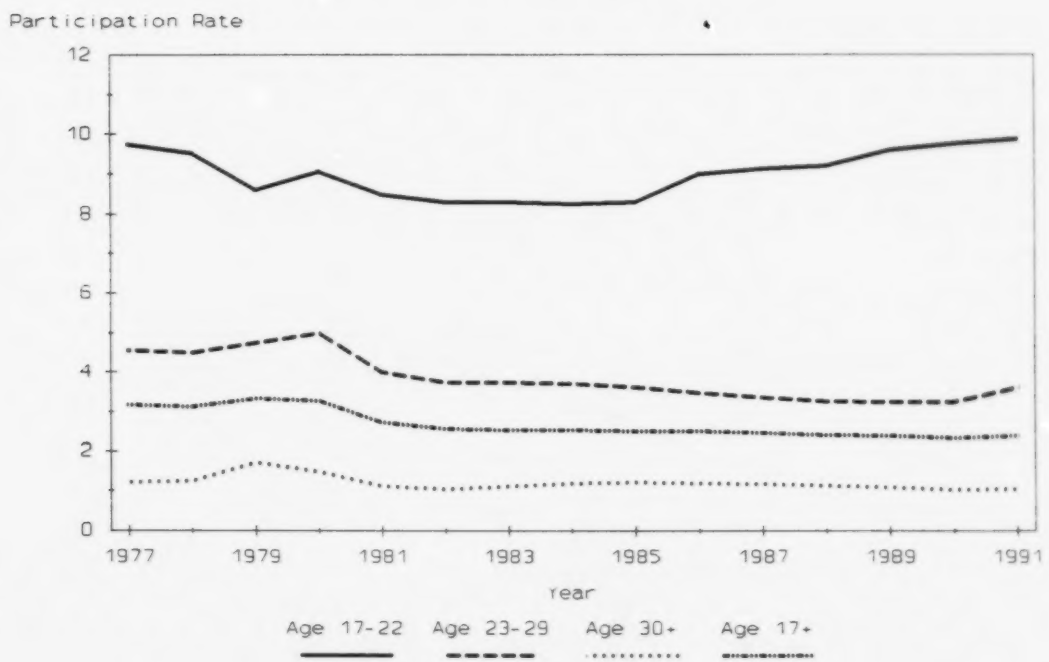


Figure 5-4
Participation Rates for Public Community Colleges
By Selected Age Groups, 1977 to 1991



Total Fall headcount for the 1991-93 Biennium is 163,277 or 146,824 FTEs. Projected higher education enrollment for 1993-95 biennium based on the maintenance of current rates of participation is 164,176 students, or 147,997 FTEs. This results in a biennium increase of 1,173 FTEs from the 1991-93 level.

1995-96 to 2002-03 Enrollment Projections
See Table 5-1, 5-2, and Figure 5-5

The public higher education FTE projections for the next four biennia show an average increase of about 4,800 for each biennium for the two-year institutions. The projection for the four-year institutions indicate an increases of 2,235 for 1995-97 over 1993-95, an increase of 4,093 for 1997-99 over 1995-97, an increase of 6,502 for 1999-01 over 1997-99 , and an increase of 6,717 FTEs for 2001-03 over 1999-01.

1993-94 to 2020-21 Long Run FTE Enrollment Projections
See Table 5-1, 5-2, and Figure 5-5

FTE projections over the next three decades show a steady increase through about 2012 for both two-year and four-year institutions. These increases in enrollment are largely due to the entrance into higher education of the children of the Baby Boom generation. After 2012, the growth rates are slower for two-year institutions. For four-year institutions, the growth of FTE enrollment stops at 2012-13 and gradually declines after that.

Table 5-1
Public Two- and Four-Year Higher Education
Biennial FTE Enrollment Projection, 1993-95 to 2001-03
Not Including Technical Colleges

	Two-Year		Diff. Between	Four-Year		Diff. Between
Year	AA FTE	Biennium	Biennia	AA FTE	Biennium	Biennia
1990-91	86,015[1]	n.a.		72,566[1]	n.a.	
1991-92	89,787[1]			73,075[1]		
1992-93	89,800[2]	179,587		73,749[2]	146,824	
1993-94	89,293			73,979		
1994-95	90,423	179,716	129	74,019	147,997	1,173
1995-96	91,855			74,706		
1996-97	93,010	184,864	5,148	75,526	150,232	2,235
1997-98	94,023			76,395		
1998-99	95,457	189,479	4,615	77,930	154,325	4,093
1999-00	97,049			79,715		
2000-01	98,079	195,128	5,649	81,111	160,827	6,502
2001-02	99,091			82,812		
2002-03	100,014	199,105	3,977	84,186	166,998	6,171

n.a.: Not Applicable.

[1]Actual FTEs.
[2]Budgeted FTEs.

(HiEdSecV:2&4bian:12/18/92)

Table 5-2
Public Two- And Four-Year Higher Education Enrollment Projection, 1993 to 2021
Not Including Technical Colleges

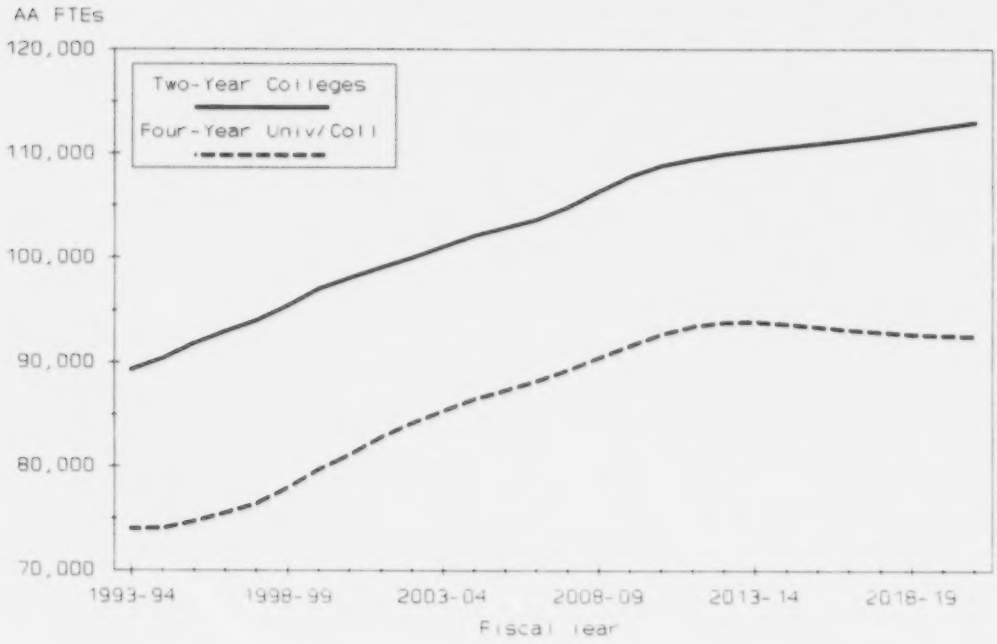
	Fall Term Headcount Enroll. Projection				Annual Average FTE Projection		
Year	2-Year	4-Year	Total	Year	2-Year	4-Year	Total
1990	134,779[1]	80,520[1]	215,299	1990-91	86,015[1]	72,566[1]	158,581
1991	135,082[1]	80,989[1]	216,071	1991-92	89,787[1]	73,075[1]	162,862
1992	n.a.	82,288[1]	n.a.	1992-93	89,800[2]	73,749[2]	163,549
1993	139,525	82,066	221,591	1993-94	89,293	73,979	163,272
1994	141,290	82,110	223,400	1994-95	90,423	74,019	164,441
1995	143,527	82,873	226,399	1995-96	91,855	74,706	166,561
1996	145,332	83,782	229,114	1996-97	93,010	75,526	168,536
1997	146,915	84,747	231,661	1997-98	94,023	76,395	170,418
1998	149,155	86,449	235,603	1998-99	95,457	77,930	173,386
1999	151,643	88,430	240,073	1999-00	97,049	79,715	176,765
2000	153,253	89,978	243,231	2000-01	98,079	81,111	179,191
2001	154,834	91,865	246,699	2001-02	99,091	82,812	181,903
2002	156,276	93,389	249,665	2002-03	100,014	84,186	184,200
2003	157,919	94,671	252,590	2003-04	101,065	85,342	186,407
2004	159,550	95,945	255,495	2004-05	102,109	86,490	188,600
2005	160,743	96,896	257,639	2005-06	102,873	87,348	190,220
2006	161,971	97,857	259,828	2006-07	103,659	88,214	191,873
2007	163,853	99,012	262,865	2007-08	104,863	89,255	194,118
2008	166,202	100,377	266,580	2008-09	106,367	90,486	196,852
2009	168,431	101,664	270,095	2009-10	107,793	91,645	199,438
2010	170,095	102,882	272,977	2010-11	108,858	92,744	201,601
2011	171,061	103,711	274,772	2011-12	109,476	93,491	202,967
2012	171,812	104,165	275,977	2012-13	109,957	93,900	203,857
2013	172,430	104,189	276,619	2013-14	110,352	93,921	204,274
2014	172,969	103,961	276,929	2014-15	110,697	93,716	204,413
2015	173,453	103,635	277,088	2015-16	111,007	93,422	204,429
2016	173,961	103,313	277,273	2016-17	111,332	93,132	204,464
2017	174,621	103,087	277,708	2017-18	111,754	92,928	204,683
2018	175,277	102,891	278,168	2018-19	112,175	92,751	204,926
2019	175,961	102,742	278,703	2019-20	112,612	92,618	205,229
2020	176,641	102,648	279,289	2020-21	113,047	92,532	205,580

n.a.: Not Applicable.

[1]Actual.
[2]Budgeted.

(HiEdSecV:2&4pro:12/18/92)

Figure 5-5
Annual Average FTE Projection
Public Two- And Four-Year Universities/College
1993-94 to 2020-21
Not Including Technical Colleges



Chapter 6

A PERSPECTIVE ON UNMET NEED: APPLICATIONS MATCH STUDY 1990-91 and 1991-92

Background

The demand for higher education may be separated into two components: (1) the actual enrollment, and (2) unmet demand. The **enrollment** projection in Chapter 5 is based upon population forecasts by age and sex under the assumption that participation rates will remain at the current levels. If enrollments were not capped, this projection alone would represent expected demand for higher education. However, participation rates have been limited by enrollment lids since the early 1980's. Potential **unmet demand** is assessed through the applications match process, which matches applicants to Washington public four-year institutions with registered students in Washington public and independent higher education institutions.

The goal of the Applications Match study is to obtain an unduplicated count of qualified individuals applying to Washington public four-year higher education institutions who were not served by the higher education system of the state. The Applications Match Study is designed to provide a more accurate account of unserved applicants than can be obtained by adding the numbers of qualified applicants who are denied admission by the individual institutions. The single institutional perspective does not adjust for multiple applications by individual students; nor does it account for students denied admission by one institution, but admitted and served by another, nor does it distinguish between Washington residents and out-of-state applicants.

Applications to higher education institutions are only one measure of demand for higher education, although they are still the most concrete and objective indicator available. Other forms of demand are not fully captured by applications data, such as individuals who fail to submit applications to four-year institutions because they lack the financial resources or other support services needed to attend. Examination of applicant and enrollment data provides a measure of unmet need among Washington residents who have taken the step of applying to a four-year institution. Persons who do not submit an application because they lack the resources to participate in higher education, or who believe they will not be admitted due to enrollment lids, are not counted by this measure of unmet need.

An applications match study has been conducted annually since Fall 1987. The data requested from institutions as well as the assumptions made in the matching process varied slightly over the first three years of the study. Data for 1990-92 are not entirely comparable with those of preceding years.

The present Applications Match Study introduces a new perspective in its update to the Fall 1990 Study. This update provides an estimate of unserved applicants for the entire 1990-1991 academic year, including persons applying for Winter 1991 and Spring 1991 terms, and matches against enrollment data for Winter 1991, Spring 1991, and the entire 1991-1992 academic year.

Data Elements

As in the past, application and registration data were requested and received from all public four-year institutions. Registration data from independent universities[1] and from community colleges[2] were also used in the study. A database emphasizing the individual applicants was created. For each applicant to public four-year institutions,

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[1]Independent universities providing enrollment data for 1990-91 were Gonzaga University, Seattle Pacific University, Seattle University, and the University of Puget Sound. For 1991-92, Seattle University and the University of Puget Sound are included in the analysis.

[2]Data for the state's five technical colleges, the former vocational-technical institutes (VTI), were included in earlier studies, but were not available for the 1990-91 and 1991-92 academic years.

information related to all applications and to enrollment status was developed. Social security number (SSN), name and birthdate were the basis of the matching procedure. Extreme care was taken to avoid any inappropriate matches.

An applicant's ***county of permanent residence*** is the county of permanent residence captured at the time of application and stored in the enrollment file, if the applicant was enrolled in a four-year institution. If the applicant did not subsequently enroll, a county code based upon ZIP code of permanent residence at the time of application was used.

Applicants were classified as "***accepted***" if they were admitted to at least one public four-year institution. They were classified as "***denied***" if they were denied admission to at least one public four-year institution and were not admitted by any other. If an applicant was neither admitted nor denied, but instead withdrew an application, submitted an incomplete application, or if the admission status was not provided by the institution, the applicant's admission status was classified as "***other.***"

Status of Applicants for Fall 1990

There were 57,419 applicants, who submitted 67,975 applications to public four-year higher education institutions in Washington State for Fall 1990. The subsequent status of these applicants is outlined in Table 6-1.

- Of the 34,330 Washington resident applicants for Fall 1990, 22,252 were enrolled at one of the public or independent four-year higher education institutions in Washington during the Fall 1990 term. An additional 3,386 were enrolled in a community college during Fall 1990.

- A total of 8,692 Washington resident applicants for Fall 1990 were not enrolled in any of the higher education institutions involved in this study during Fall 1990.

- Of the 8,692 Washington resident applicants for Fall 1990 who were not enrolled in Fall 1990, 4,830 were offered admission to a public four-year institution for Fall 1990. These applicants are considered to be served by the higher education system.

- Application information provided for 1,604 of the non-enrolled Washington resident applicants for Fall 1990 indicated admission status unknown, a withdrawn application, an incomplete application, or that no admissions decision had been made as of the tenth class day of the fall term. These applications have been excluded from the analysis.

- Finally, 2,258 of the non-enrolled Washington resident applicants for Fall 1990 were denied admission by at least one public four-year institution and not admitted by any other for that term. Of these, 1,556 were known to have a grade point average (GPA) or admissions index (AI) acceptable for admission to a Washington four-year institution and 380 had GPA's or AI's lower that the minimum acceptable level. The GPA and AI for 322 of these applicants are unknown. Some of these 322 applicants may have had acceptable GPA's or AI's.

Results of the analysis indicate that for Fall 1990 between 1,556 and 1,878 qualified persons were denied admission to a public four-year institution and not enrolled in any other public or private Washington higher education institution during that same term.

Collection of data for each academic term, beginning in Fall 1990, has allowed the analysis of the subsequent application and enrollment status of each applicant. From this analysis, it is found that 670 of the 1,878 potentially unserved applicants from Fall 1990 were subsequently enrolled in a four-year or two-year institution or accepted for admission to a four-year public institution.

The resulting count of qualified, potentially unserved resident applicants for Fall 1990 is 1,208. Further discussion of the interpretation of these figures follows this section.

Table 6-1
Applications Match Summary, Fall Terms, 1988-91

	Fall 1988	Fall 1989	Fall 1990	Fall 1991
Applications for Fall	61,956	65,603	67,975	73,686
Individuals:	52,857	55,352	57,419	63,203
Washington residents:	**35,086**	**34,871**	**34,330**	**36,827**
Registered four-year, Fall	23,683	22,020	22,252	22,903
Registered two-year, Fall	3,544	4,077	3,386	3,884
Did not register, Fall[3]:	7,859	8,774	8,692	10,040
Accepted	3,984	4,893	4,830	5,709
Other	1,613	1,161	1,604	1,532
Denied Admission:	2,262	2,720	2,258	2,799
Low GPA or AI	298	306	380	355
Unknown GPA and/or AI	656	703	322	335
Acceptable[4]	1,308	1,711	1,556	2,109
Unserved (excludes unknown GPA/AI)	**1,308**	**1,711**	**1,556**	**2,109**
Unserved (includes unknown GPA/AI)	**1,964**	**2,414**	**1,878**	**2,444**
Enrolled in subsequent '91 term or next academic year	na	na	625	**
Accepted for admission in subsequent '91 term or next academic year	na	na	45	**
Qualified, potentially unserved resident applicants (includes matches against subsequent terms or next academic year)			**1,208**	**

** See next section for discussion of enrollment status of Fall 1991 applicants in Winter and Spring terms of 1992

[3]The count of Washington residents who did not register for Fall 1991 will decrease upon the inclusion of additional independent institution data for 1991-92.

[4]Acceptable Admissions Index (AI) for students entering from high school is 13 or above for Central Washington University, Eastern Washington University, The Evergreen State College and Western Washington University, and 28 or above for the University of Washington and Washington State University. Acceptable grade point average (GPA) is 2.50 or above for applicants from high school and 2.00 or above for college transfer applicants. "Unknown GPA and/or AI" indicates that no information was available.

Status of Applicants for Fall 1991

There were a 63,203 applicants, who submitted 73,286 applications to public four-year higher education institutions in Washington State in Fall 1991. The subsequent status of these applicants is outlined in Table 6-1.

- Of the 36,827 Washington resident applicants for Fall 1991, 22,903 were enrolled at one of the public or independent four-year higher education institutions in Washington during Fall 1991. An additional 3,884 were enrolled in a community college during Fall 1991.

- A total of 10,040 Washington resident applicants for Fall 1991 were not enrolled in any of the higher education institutions involved in this study during Fall 1991.

- Of the 10,040 Washington resident applicants for Fall 1991 not enrolled during Fall 1991, 5,709 were offered admission to a public four-year institution for Fall 1991. These applicants are considered to be served by the higher education system.

- Application information provided for 1,532 of the non-enrolled Washington resident applicants for Fall 1991 indicated admission status unknown, a withdrawn application, an incomplete application, or that no admissions decision had been made as of the tenth class day of the fall term. These applications have been excluded from the analysis.

- Finally, 2,799 of the non-enrolled Washington resident applicants for Fall 1991 were denied admission by at least one public four-year institution and not admitted by any other for Fall 1991. Of these, 2,109 were known to have a grade point average (GPA) or admissions index (AI) acceptable for admission to a Washington four-year institution and 355 had GPA's or AI's lower that the minimum acceptable level. The GPA and AI for 335 of these applicants are unknown. Some of these 335 applicants may have had acceptable GPA's or AI's.

Results of the analysis indicate that for Fall 1991 between 2,109 and 2,444 qualified persons were denied admission to a public four-year institution and not enrolled in any other public or private Washington higher education institution during that same term. Of the 2,444 potentially unserved Fall 1991 applicants, 408 were either enrolled or admitted for Winter or Spring 1992 terms. When 1992-93 data become available, it is likely that the figure of 2,036 potentially unserved Fall 1991 applicants will be reduced.

Interpretation of Results for Fall 1990 and 1991 Analyses

Not all of the potentially unserved applicants (the "Waiting Line") are necessarily unserved.

- Some applicants may be attending institutions outside Washington or one of the independent institutions within the state for which no enrollment data are available.

- As shown for Fall 1990, many applicants denied admission for a fall term are admitted in subsequent terms. Availability of application and enrollment data for each academic term starting with Fall 1990 allows an analysis of the application and enrollment patterns of these individuals in subsequent terms. *The complete analysis for 1990-91 is presented in the section that follows.*

- Since approximately forty percent of all individuals admitted to a four-year institution never enroll, it is likely that some of these applicants would not enroll even if accepted.

The "waiting line" as indicated by unserved applicants should not be interpreted as a measure of total unmet need for higher education. Persons who may lack the resources to attend a four-year institution, for example, and who may not submit an application, are not counted among the unserved.

Status of 1990-1991 Academic Year Applicants

Applications match data were collected for fall, winter, and spring terms beginning with the Fall 1990 data. The traditional waiting line calculations show 1,878 potentially unserved applicants for Fall 1990, 650 potentially unserved applicants for Winter 1991 and 612 potentially unserved applicants for Spring 1991. But the traditional waiting line calculation for a single term is a snapshot in time. **It is inappropriate to sum these figures for a total 1990-91 waiting line since many individuals appear in more that one term and since many individuals appearing in the waiting line in one term are subsequently admitted by a four-year institution.**

To gain a more accurate picture of the magnitude of the cumulative annual waiting line a longitudinal analysis of potentially unserved applicants was performed. For the 1990-91 academic year, 138 applicants appeared in the waiting line for more than one term, 15 of them for all three terms of 1990-91. Tables 6-2 and 6-3 assign unserved Washington resident applicants to four-year public institutions for the 1990-91 academic year to the first term within the academic year for which they were denied admission.

Table 6-2 breaks out the total number of unduplicated applicants for the entire 1990-91 academic year who were unserved during the term for which they applied (2,987). The entire group of 2,987 applicants is termed the ***academic year waiting line prior to follow-up***. Of this group, 1,199 applicants were served during subsequent terms of the 1990-91 academic year or during the 1991-92 academic year. The resulting number of applicants who were not served during either the 1990-91 or the 1991-92 academic year is 1,788. This group of 1,788 is the ***academic year waiting line after follow-up***.

Table 6-3 shows the nature of the subsequent application activity for the 2,987 individuals making up the 1990-91 academic year waiting line prior to follow-up who were unserved during the term for which they applied, characterized by application type.

Table 6-2
Summary: 1990-91 Academic Year Waiting Line Prior to Follow-Up

Subsequently enrolled or accepted for admission, public or independent four-year or two-year institution	1,199
Remaining unserved applicants for 1990-91	1,788
Total	2,987

To summarize Tables 6-2 and 6-3:

- Of the total 2,987 individual applicants unserved in the term for which they applied, 1,199 were subsequently enrolled or accepted for admission.
- 1,788 individuals, those represented by the shaded areas in Tables 6-2 and 6-3, were unserved both in the term for which they initially applied and through the following academic year.
- Most of the 1,788 unserved, 89 percent, did not apply during the remainder of 1990-91 or during 1991-92.
- Of the 1,788 unserved individuals, over forty percent were applicants to graduate school.
- Of the 789 unserved applicants at the undergraduate level, over 75 percent are transfers and/or returning students. Students entering from high school accounted for 181 of the unserved applicants.

Table 6-3
Detail: 1990-91 Academic Year Waiting Line Prior to Follow-Up

		Transfer			Post Baccalaureate		
	High School	Two-year	Four-Year[5]	Un-specified	Graduate School	Other	Total
Subsequently enrolled, public four-year	54	99	140	142	146	60	641
Subsequently enrolled, independent four-year	3	15	15	3	20	6	62
Subsequently enrolled, community college	82	102	89	67	47	25	412
Subsequently admitted, public four-year	6	7	24	16	22	9	84
Subsequently applied, not admitted	12	13	25	35	80	36	201
Did not subsequently apply	169	176	272	87	716	167	1,587
TOTAL	326	412	565	350	1,031	303	2,987

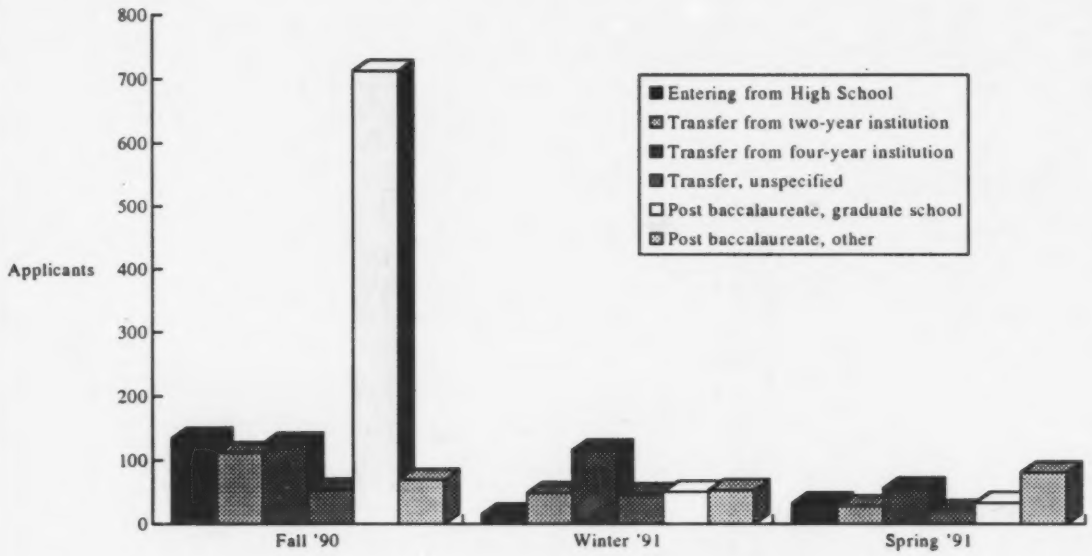
Figure 6-1 is a graphical depiction of the information contained in the shaded portion of Table 6-3, but broken out by term (fall, winter, spring). Here, transfer applicants include any who have previously attended an institution of higher education, not necessarily in the immediately preceding term. Transfers from two-year institutions have not necessarily completed a two-year degree. Returning students are included in the four-year transfer category.

- Graduate applicants and applicants entering from high school were concentrated in the fall term. Graduate applicants dominate the fall waiting line.

- The total count of transfer applicants not subsequently served, including returning student applicants, shows much less of a fall concentration, ranging from 292 for fall term and declining to 105 for spring term.

[5]Includes returning students.

Figure 6-1
1990-91 Academic Year Waiting Line After Follow-Up
By Term and by Application Type



As a group, the 1990-91 unserved applicants generally had grade point averages and/or admissions index scores toward the lower end of the admissible ranges. Table 6-4 shows college GPA, high school GPA or admissions index, as appropriate, for the 789 unserved applicants for 1990-91 not classified as graduate or other post baccalaureate applicants.

Table 6-4
Grade Point Averages (GPA) and Admissions Indices (AI)
for 1990-91 Academic Year Waiting Line After Follow-Up,
Undergraduate Applicants

Admissions Index	Applicants	High School GPA	Applicants	College GPA	Applicants	GPA and AI not reported
76+	13	3.50-4.00	2	3.50-4.00	20	165
51-75	48	3.00-3.49	2	3.00-3.49	78	
28-50	75	2.50-2.99	12	2.50-2.99	169	
13-27	40			2.00-2.49	165	

Unserved Applicants by Institution, 1990-91

Figure 6-2 and Table 6-5 show the breakout of the 1,788 unserved applicants for 1990-91 by institution and by application type. "Multiple" indicates that the applicants were denied admission by more than one institution.

Figure 6-2
1990-91 Academic Year Waiting Line After Follow-Up
By Institution and By Application Type
Total = 1,788

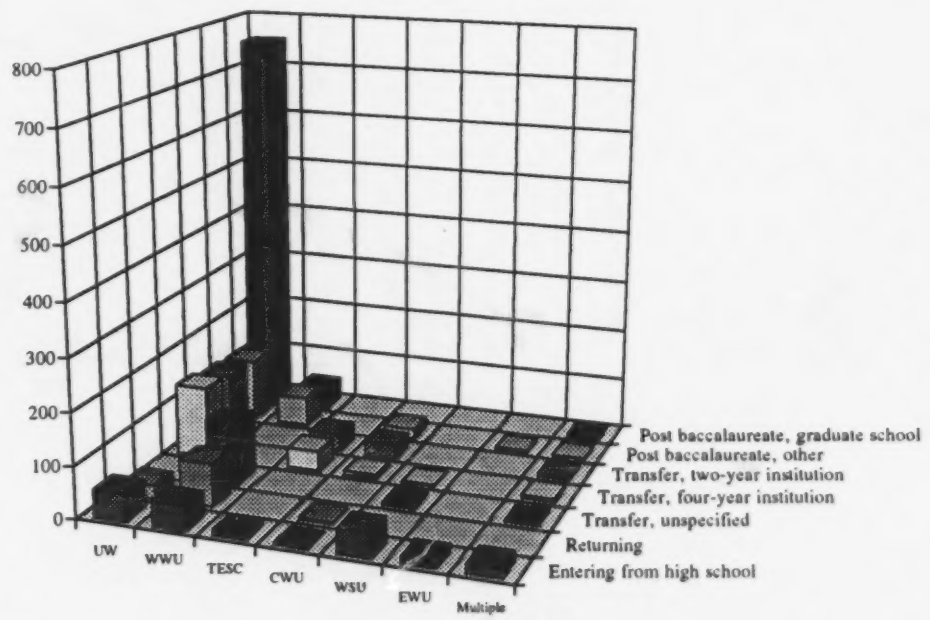


Table 6-5
1990-91 Academic Year Waiting Line After Follow-Up
By Institution and By Application Type

	UW	WWU	TESC	CWU	WSU	EWU	Multiple	Total
Graduate	751	41	0	0	0	0	4	796
Other post baccalaureate	124	57	0	19	0	2	1	203
Two-Year Transfer	127	0	33	24	0	0	5	189
Four-Year Transfer	137	0	38	7	0	0	6	188
Transfer, Unspecified	0	119	0	0	2	0	1	122
Returning	24	82	0	3	0	0	0	109
High School	51	44	9	2	46	12	17	181
Total	1,214	343	80	55	48	14	34	1,788

- Post baccalaureate applicants, graduate and other, mainly to the University of Washington, account for more than half of the total unserved applicants for 1990-91.

- Transfer applicants and returning student applicants, mainly to the University of Washington and to Western Washington University, account for the next largest share, 35 percent, of the total 1990-91 waiting line and over 60 percent of the undergraduate waiting line.

Chapter 7

COUNTY PARTICIPATION RATES, FALL 1992

County participation rates assist in describing the level of service provided by the public higher education system to each county in the state.

The county participation rate is the number of persons enrolled in a public college or university per 100 persons in each county, age 17 and older. (Note: Use of a single participation rate for persons age 17 and over, rather than single year of age participation rates, is valid for present point in time comparisons. Analysis involving projections, however, must use single year of age participation rates due to changes in the composition of the population over time.)

The two-year public institutions include 27 community colleges (not including five technical colleges) throughout the state.

The four-year public institutions include the University of Washington and branch campuses, Washington State University and branch campuses, Central Washington University and the education center in Yakima, Eastern Washington University, Western Washington University, and The Evergreen State College.

The county of an enrolled student is taken from the permanent address as entered on the original application form.

Enrollment by county is from the official state funded enrollment reported to the Office of Financial Management. The participation rates are based on an estimated Fall 1992 enrollment for two-year colleges and the actual Fall 1992 enrollment for four-year schools.

Since the Fall 1992 actual enrollment for two-year schools is not available, the estimated enrollment is used. This Fall 1992 estimated enrollment is obtained by applying the percentage difference of actual 1991-92 and budgeted FTEs to 1992-93 budgeted FTEs. The estimated 1992-93 FTE enrollment is then converted to Fall 1992 headcount and calculated into enrollments by county of original application assuming the actual Fall 1991 enrollment by county distribution.

The formula for the county participation rate calculation is as follows:

$$\frac{\textit{Fall Headcount Enrollment by County}}{\textit{Age 17+ Population by County}} \; X \; 100$$

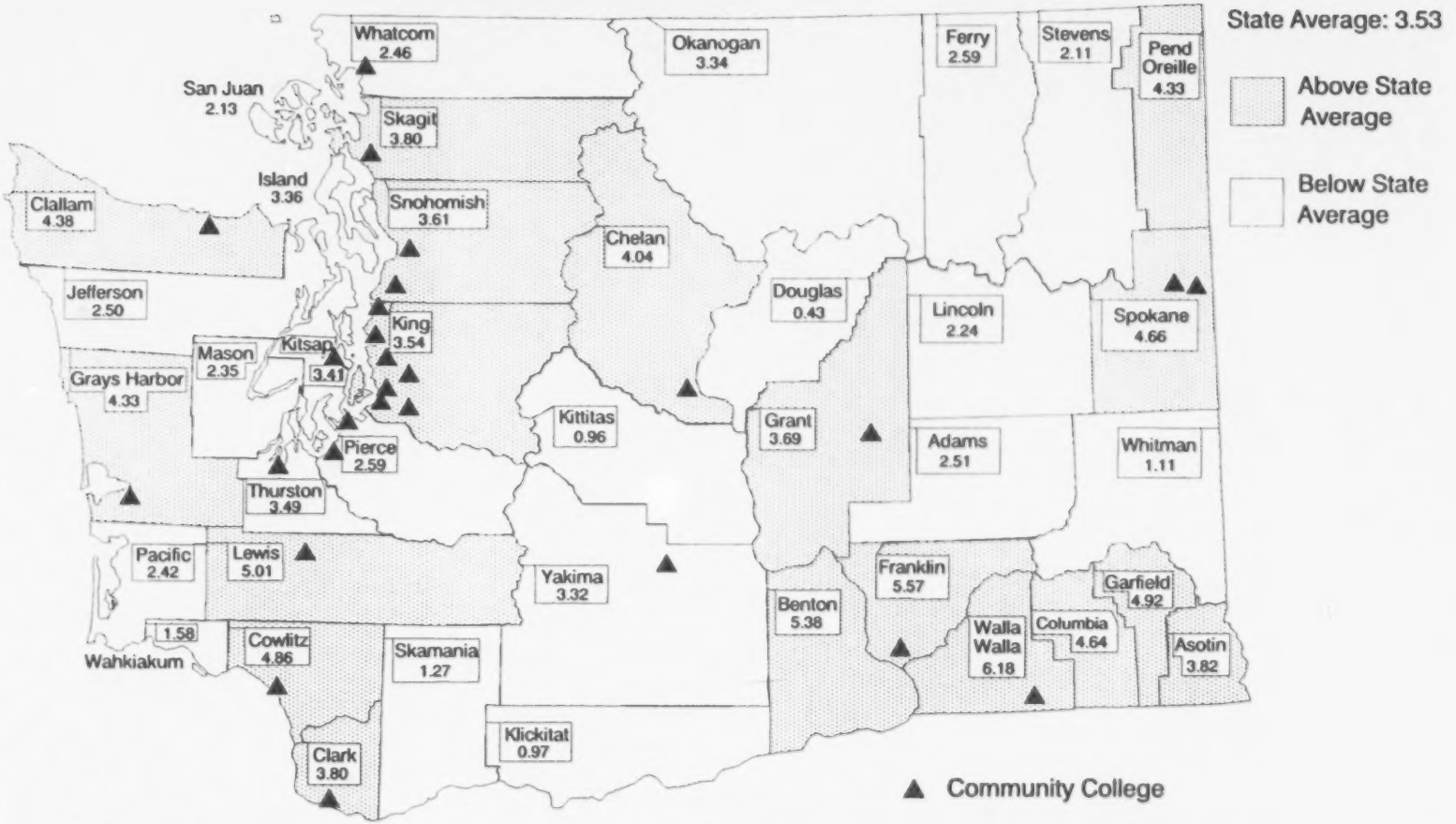
Tables 7-1 to 7-8 show participation rates by county in descending order with an average Washington participation rate at the bottom for each category. Figures 7-1 to 7-3 show the location of public higher education institutions in each county with county participation rates. Counties that are shaded have a participation rate higher than the state average. In this chapter, the Lower Division includes students categorized as freshman, sophomore, and other (non-matriculated). The Upper Division includes students categorized as junior, senior, and unclassified 5 (Post-Bac.). The Grad & Prof Division includes students categorized as Graduate and Professional. The Upper Division and Beyond includes the Upper and Grad & Prof Divisions.

Table 7-1
Participation Rates of Public Two-Year Community Colleges by County
for Students Applying from within the State, Fall 1992 Estimate
State Funded Headcount Enrollment Only
Not Including Technical Colleges

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Walla Walla	38,329	2,367	6.18	1
Franklin	26,093	1,454	5.57	2
Benton	84,199	4,527	5.38	3
Lewis	44,734	2,240	5.01	4
Garfield	1,725	85	4.92	5
Cowlitz	62,219	3,024	4.86	6
Spokane	278,962	12,990	4.66	7
Columbia	3,062	142	4.64	8
Clallam	45,892	2,012	4.38	9
Pend Oreille	6,743	292	4.33	10
Grays Harbor	48,340	2,091	4.33	11
Chelan	40,453	1,635	4.04	12
Asotin	13,182	504	3.82	13
Clark	186,790	7,096	3.80	14
Skagit	63,792	2,421	3.80	15
Grant	40,593	1,499	3.69	16
Snohomish	360,862	13,023	3.61	17
King	1,220,530	43,150	3.54	18
Thurston	129,001	4,507	3.49	19
Kitsap	149,826	5,111	3.41	20
Island	48,476	1,630	3.36	21
Okanogan	24,858	830	3.34	22
Yakima	137,012	4,548	3.32	23
Pierce	458,387	11,890	2.59	24
Ferry	4,689	122	2.59	25
Adams	9,452	237	2.51	26
Jefferson	17,571	439	2.50	27
Whatcom	103,760	2,549	2.46	28
Pacific	14,907	361	2.42	29
Mason	31,161	733	2.35	30
Lincoln	6,704	150	2.24	31
San Juan	9,047	193	2.13	32
Stevens	22,479	475	2.11	33
Wahkiakum	2,588	41	1.58	34
Skamania	6,207	79	1.27	35
Whitman	32,000	354	1.11	36
Klickitat	12,283	119	0.97	37
Kittitas	22,101	212	0.96	38
Douglas	20,121	86	0.43	39
Washington Total	3,829,130	135,215	3.53	

[1]Sources: Population and Estimates from OFM. See enrollment estimation. (CountyPR:en_co_xy:12/3/92)

Figure 7-1
Public Two-Year Community Colleges Participation Rates by County
Fall 1992 Estimate
Not Including Technical Colleges



State of Washington

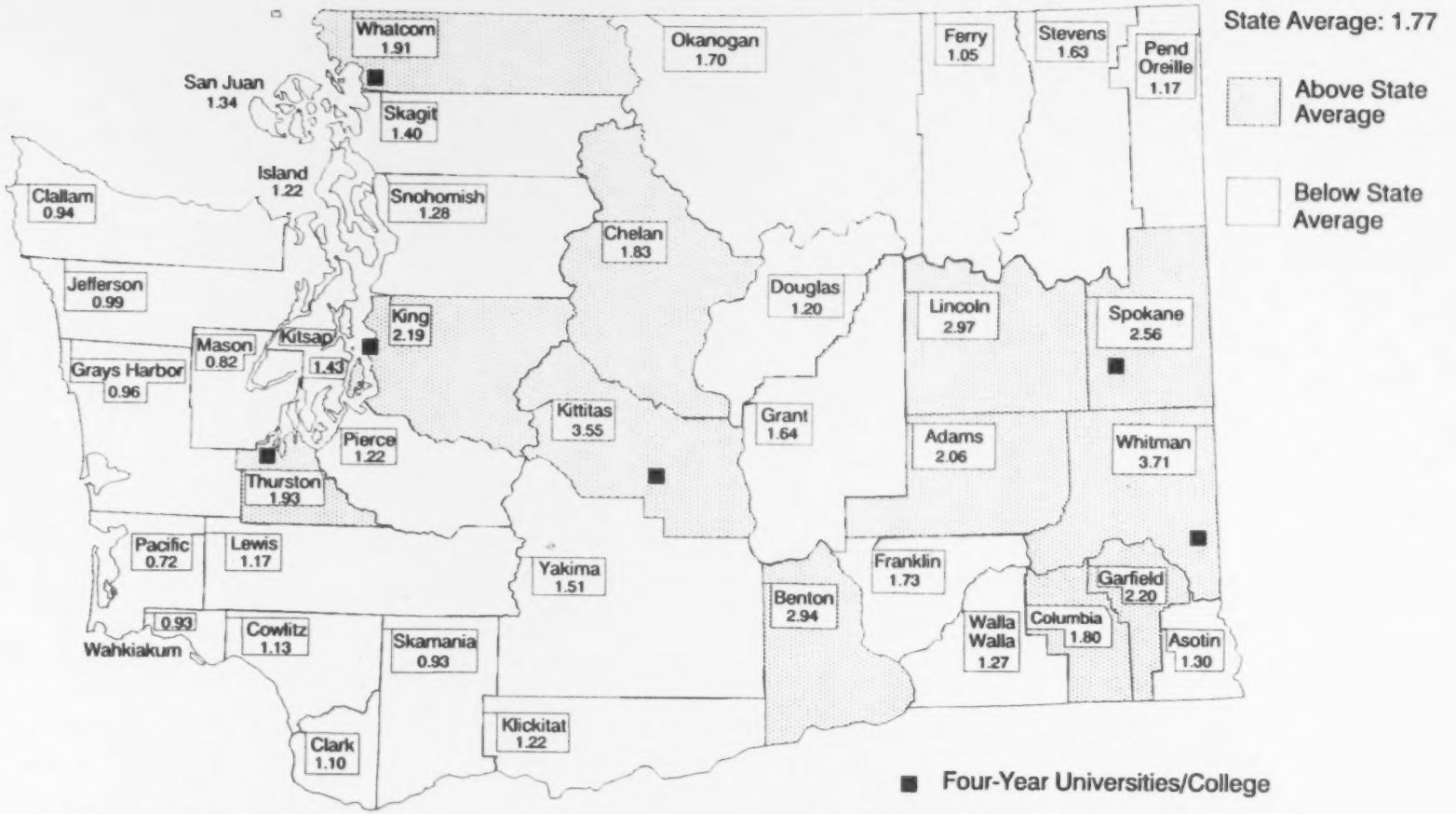
Participation Rate = (Headcount/Population Age 17+)*100

Table 7-2
Total Public Four-Year Universities/College Participation Rates by County
Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Whitman	32,000	1,186	3.71	1
Kittitas	22,101	785	3.55	2
Lincoln	6,704	199	2.97	3
Benton	84,199	2,476	2.94	4
Spokane	278,962	7,154	2.56	5
Garfield	1,725	38	2.20	6
King	1,220,530	26,680	2.19	7
Adams	9,452	195	2.06	8
Thurston	129,001	2,496	1.93	9
Whatcom	103,760	1,978	1.91	10
Chelan	40,453	740	1.83	11
Columbia	3,062	55	1.80	12
Franklin	26,093	451	1.73	13
Okanogan	24,858	422	1.70	14
Grant	40,593	667	1.64	15
Stevens	22,479	367	1.63	16
Yakima	137,012	2,066	1.51	17
Kitsap	149,826	2,149	1.43	18
Skagit	63,792	895	1.40	19
San Juan	9,047	121	1.34	20
Asotin	13,182	171	1.30	21
Snohomish	360,862	4,624	1.28	22
Walla Walla	38,329	487	1.27	23
Klickitat	12,283	150	1.22	24
Island	48,476	590	1.22	25
Pierce	458,387	5,579	1.22	26
Douglas	20,121	242	1.20	27
Pend Oreille	6,743	79	1.17	28
Lewis	44,734	524	1.17	29
Cowlitz	62,219	702	1.13	30
Clark	186,790	2,057	1.10	31
Ferry	4,689	49	1.05	32
Jefferson	17,571	174	0.99	33
Grays Harbor	48,340	463	0.96	34
Clallam	45,892	430	0.94	35
Skamania	6,207	58	0.93	36
Wahkiakum	2,588	24	0.93	37
Mason	31,161	257	0.82	38
Pacific	14,907	108	0.72	39
Washington Total	3,829,130	67,888	1.77	

Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:12/3/92)

Figure 7-2
Public Four-Year Universities/College Participation Rates by County
Fall 1992



State of Washington

Participation Rate = (Headcount/Population Age 17+)*100

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Table 7-3
Public Four-Year Universities/College Participation Rates by County
Lower Division, Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Kittitas	22,101	311	1.41	1
Lincoln	6,704	93	1.39	2
Whitman	32,000	439	1.37	3
Garfield	1,725	15	0.87	4
Benton	84,199	720	0.86	5
Adams	9,452	79	0.84	6
Spokane	278,962	2,313	0.83	7
King	1,220,530	9,167	0.75	8
Thurston	129,001	951	0.74	9
Columbia	3,062	22	0.72	10
Stevens	22,479	147	0.65	11
Chelan	40,453	260	0.64	12
Okanogan	24,858	156	0.63	13
Whatcom	103,760	626	0.60	14
Grant	40,593	232	0.57	15
Kitsap	149,826	833	0.56	16
Franklin	26,093	144	0.55	17
Klickitat	12,283	67	0.55	18
Yakima	137,012	701	0.51	19
Snohomish	360,862	1,724	0.48	20
San Juan	9,047	43	0.48	21
Pend Oreille	6,743	31	0.46	22
Pierce	458,387	2,107	0.46	23
Douglas	20,121	90	0.45	24
Island	48,476	202	0.42	25
Ferry	4,689	19	0.41	26
Skamania	6,207	25	0.40	27
Skagit	63,792	256	0.40	28
Clark	186,790	728	0.39	29
Lewis	44,734	170	0.38	30
Asotin	13,182	50	0.38	31
Cowlitz	62,219	235	0.38	32
Jefferson	17,571	66	0.38	33
Mason	31,161	112	0.36	34
Walla Walla	38,329	119	0.31	35
Grays Harbor	48,340	149	0.31	36
Pacific	14,907	44	0.30	37
Clallam	45,892	134	0.29	38
Wahkiakum	2,588	6	0.23	39
Washington Total	3,829,130	23,586	0.62	

Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:12/3/92)

Table 7-4
Public Four-Year Universities/College Participation Rates by County
Upper Division, Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Kittitas	22,101	385	1.74	1
Whitman	32,000	493	1.54	2
Benton	84,199	1,273	1.51	3
Spokane	278,962	4,124	1.48	4
Lincoln	6,704	95	1.42	5
King	1,220,530	14,113	1.16	6
Whatcom	103,760	1,143	1.10	7
Garfield	1,725	19	1.10	8
Chelan	40,453	440	1.09	9
Adams	9,452	99	1.05	10
Columbia	3,062	32	1.05	11
Thurston	129,001	1,290	1.00	12
Franklin	26,093	260	1.00	13
Okanogan	24,858	243	0.98	14
Grant	40,593	393	0.97	15
Yakima	137,012	1,229	0.90	16
Skagit	63,792	559	0.88	17
Stevens	22,479	192	0.85	18
Kitsap	149,826	1,172	0.78	19
Walla Walla	38,329	292	0.76	20
Asotin	13,182	99	0.75	21
Douglas	20,121	148	0.74	22
Lewis	44,734	323	0.72	23
Island	48,476	346	0.71	24
Snohomish	360,862	2,564	0.71	25
San Juan	9,047	64	0.71	26
Cowlitz	62,219	434	0.70	27
Pierce	458,387	3,081	0.67	28
Klickitat	12,283	76	0.62	29
Clark	186,790	1,133	0.61	30
Grays Harbor	48,340	283	0.59	31
Clallam	45,892	259	0.56	32
Wahkiakum	2,588	14	0.54	33
Pend Oreille	6,743	36	0.53	34
Jefferson	17,571	87	0.50	35
Ferry	4,689	21	0.45	36
Skamania	6,207	27	0.44	37
Mason	31,161	135	0.43	38
Pacific	14,907	61	0.41	39
Washington Total	3,829,130	37,037	0.97	

Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:12/3/92)

Table 7-5
Public Four-Year Universities/College Participation Rates by County
Graduate and Professional Students, Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Whitman	32,000	254	0.79	1
Benton	84,199	483	0.57	2
Kittitas	22,101	89	0.40	3
King	1,220,530	3,400	0.28	4
Spokane	278,962	717	0.26	5
Garfield	1,725	4	0.23	6
Whatcom	103,760	209	0.20	7
Walla Walla	38,329	76	0.20	8
Thurston	129,001	255	0.20	9
Ferry	4,689	9	0.19	10
Franklin	26,093	47	0.18	11
Adams	9,452	17	0.18	12
Pend Oreille	6,743	12	0.18	13
Asotin	13,182	22	0.17	14
Lincoln	6,704	11	0.16	15
San Juan	9,047	14	0.15	16
Wahkiakum	2,588	4	0.15	17
Skagit	63,792	80	0.13	18
Stevens	22,479	28	0.12	19
Jefferson	17,571	21	0.12	20
Clark	186,790	196	0.10	21
Grant	40,593	42	0.10	22
Yakima	137,012	136	0.10	23
Chelan	40,453	40	0.10	24
Skamania	6,207	6	0.10	25
Kitsap	149,826	144	0.10	26
Snohomish	360,862	336	0.09	27
Okanogan	24,858	23	0.09	28
Island	48,476	42	0.09	29
Pierce	458,387	391	0.09	30
Clallam	45,892	37	0.08	31
Lewis	44,734	31	0.07	32
Grays Harbor	48,340	31	0.06	33
Klickitat	12,283	7	0.06	34
Cowlitz	62,219	33	0.05	35
Columbia	3,062	1	0.03	36
Mason	31,161	10	0.03	37
Pacific	14,907	3	0.02	38
Douglas	20,121	4	0.02	39
Washington Total	3,829,130	7,265	0.19	

Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:11/19/92)

Table 7-6
Public Four-Year Universities/College Participation Rates by County
Upper Division and Beyond, Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Whitman	32,000	32,000	2.33	1
Kittitas	22,101	22,101	2.14	2
Benton	84,199	84,199	2.09	3
Spokane	278,962	278,962	1.74	4
Lincoln	6,704	6,704	1.58	5
King	1,220,530	1,220,530	1.43	6
Garfield	1,725	1,725	1.33	7
Whatcom	103,760	103,760	1.30	8
Adams	9,452	9,452	1.23	9
Thurston	129,001	129,001	1.20	10
Chelan	40,453	40,453	1.19	11
Franklin	26,093	26,093	1.18	12
Columbia	3,062	3,062	1.08	13
Grant	40,593	40,593	1.07	14
Okanogan	24,858	24,858	1.07	15
Skagit	63,792	63,792	1.00	16
Yakima	137,012	137,012	1.00	17
Stevens	22,479	22,479	0.98	18
Walla Walla	38,329	38,329	0.96	19
Asotin	13,182	13,182	0.92	20
Kitsap	149,826	149,826	0.88	21
San Juan	9,047	9,047	0.86	22
Snohomish	360,862	360,862	0.80	23
Island	48,476	48,476	0.80	24
Lewis	44,734	44,734	0.79	25
Pierce	458,387	458,387	0.76	26
Douglas	20,121	20,121	0.76	27
Cowlitz	62,219	62,219	0.75	28
Pend Oreille	6,743	6,743	0.71	29
Clark	186,790	186,790	0.71	30
Wahkiakum	2,588	2,588	0.70	31
Klickitat	12,283	12,283	0.68	32
Grays Harbor	48,340	48,340	0.65	33
Clallam	45,892	45,892	0.65	34
Ferry	4,689	4,689	0.64	35
Jefferson	17,571	17,571	0.61	36
Skamania	6,207	6,207	0.53	37
Mason	31,161	31,161	0.47	38
Pacific	14,907	14,907	0.43	39
Washington Total	3,829,130	3,829,130	1.16	

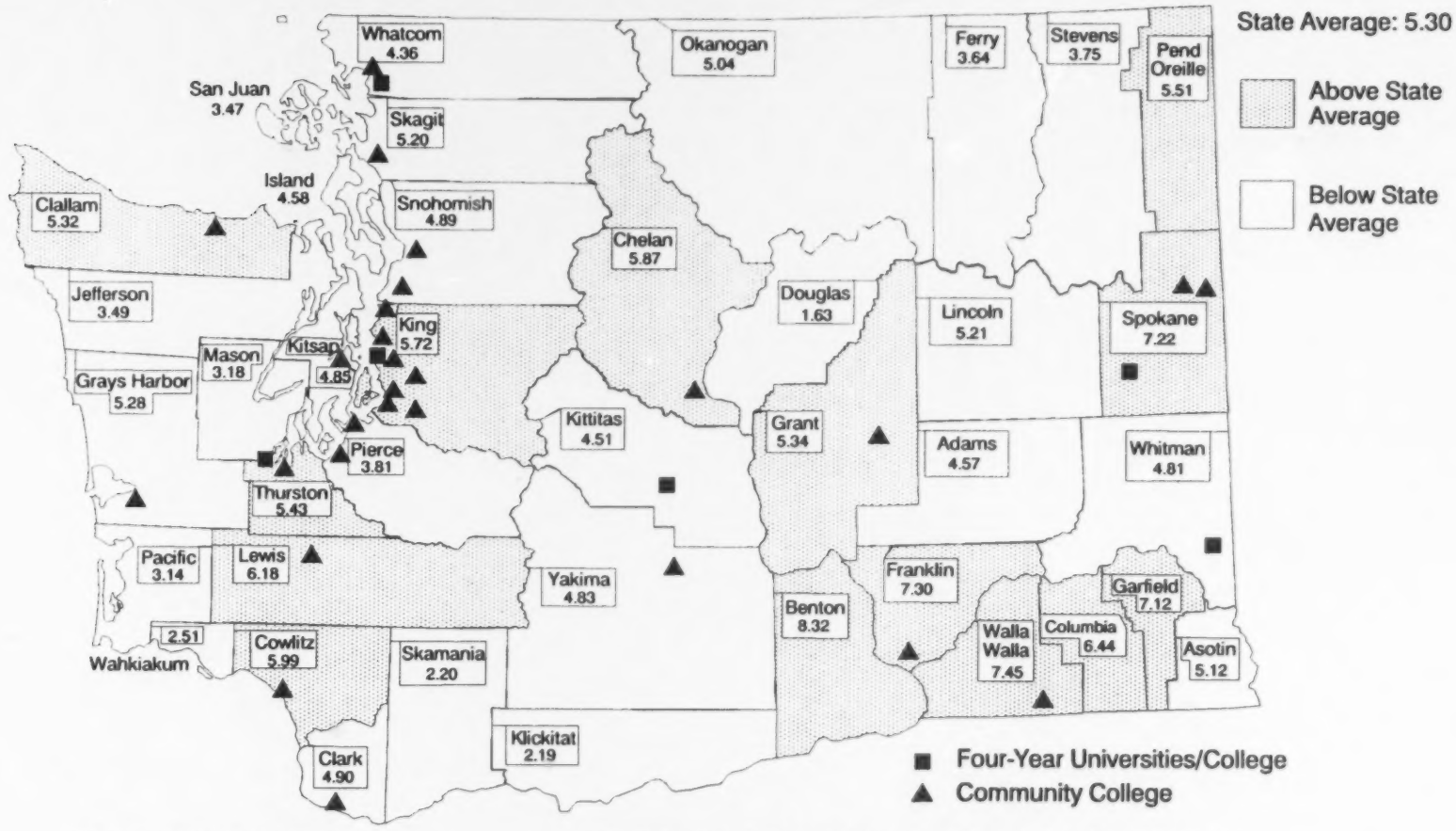
Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:11/19/92)

Table 7-7
Public Two-Year and Four-Year Universities/Colleges Participation Rates by County
Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Benton	84,199	7,003	8.32	1
Walla Walla	38,329	2,854	7.45	2
Franklin	26,093	1,905	7.30	3
Spokane	278,962	20,144	7.22	4
Garfield	1,725	123	7.12	5
Columbia	3,062	197	6.44	6
Lewis	44,734	2,764	6.18	7
Cowlitz	62,219	3,726	5.99	8
Chelan	40,453	2,375	5.87	9
King	1,220,530	69,830	5.72	10
Pend Oreille	6,743	371	5.51	11
Thurston	129,001	7,003	5.43	12
Grant	40,593	2,166	5.34	13
Clallam	45,892	2,442	5.32	14
Grays Harbor	48,340	2,554	5.28	15
Lincoln	6,704	349	5.21	16
Skagit	63,792	3,316	5.20	17
Asotin	13,182	675	5.12	18
Okanogan	24,858	1,252	5.04	19
Clark	186,790	9,153	4.90	20
Snohomish	360,862	17,647	4.89	21
Kitsap	149,826	7,260	4.85	22
Yakima	137,012	6,614	4.83	23
Whitman	32,000	1,540	4.81	24
Island	48,476	2,220	4.58	25
Adams	9,452	432	4.57	26
Kittitas	22,101	997	4.51	27
Whatcom	103,760	4,527	4.36	28
Pierce	458,387	17,469	3.81	29
Stevens	22,479	842	3.75	30
Ferry	4,689	171	3.64	31
Jefferson	17,571	613	3.49	32
San Juan	9,047	314	3.47	33
Mason	31,161	990	3.18	34
Pacific	14,907	469	3.14	35
Wahkiakum	2,588	65	2.51	36
Skamania	6,207	137	2.20	37
Klickitat	12,283	269	2.19	38
Douglas	20,121	328	1.63	39
Washington Total	3,829,130	203,103	5.30	

Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:11/19/92)

Figure 7-3
Public Two- and Four-Year Universities/Colleges Participation Rates by County
Fall 1992



State of Washington

Participation Rate = (Headcount/Population Age 17+)*100

Table 7-8
Public Two-Year and Four-Year Universities/College Participation Rates by County
Lower Division, Fall 1992

County	1992 Population Age 17+[1]	Est. Headcount[1] Enrollment	Participation Rate	Rank
Walla Walla	38,329	2,486	6.49	1
Benton	84,199	5,247	6.23	2
Franklin	26,093	1,598	6.13	3
Garfield	1,725	100	5.79	4
Spokane	278,962	15,303	5.49	5
Lewis	44,734	2,410	5.39	6
Columbia	3,062	164	5.36	7
Cowlitz	62,219	3,259	5.24	8
Pend Oreille	6,743	323	4.79	9
Chelan	40,453	1,895	4.68	10
Clallam	45,892	2,146	4.68	11
Grays Harbor	48,340	2,240	4.63	12
King	1,220,530	52,317	4.29	13
Grant	40,593	1,731	4.26	14
Thurston	129,001	5,458	4.23	15
Asotin	13,182	554	4.20	16
Skagit	63,792	2,677	4.20	17
Clark	186,790	7,824	4.19	18
Snohomish	360,862	14,747	4.09	19
Kitsap	149,826	5,944	3.97	20
Okanogan	24,858	986	3.97	21
Yakima	137,012	5,249	3.83	22
Island	48,476	1,832	3.78	23
Lincoln	6,704	243	3.63	24
Adams	9,452	316	3.34	25
Whatcom	103,760	3,175	3.06	26
Pierce	458,387	13,997	3.05	27
Ferry	4,689	141	3.00	28
Jefferson	17,571	505	2.88	29
Stevens	22,479	622	2.77	30
Pacific	14,907	405	2.72	31
Mason	31,161	845	2.71	32
San Juan	9,047	236	2.61	33
Whitman	32,000	793	2.48	34
Kittitas	22,101	523	2.36	35
Wahkiakum	2,588	47	1.81	36
Skamania	6,207	104	1.67	37
Klickitat	12,283	186	1.51	38
Douglas	20,121	176	0.87	39
Washington Total	3,829,130	158,801	4.15	

Sources: Population Estimates from OFM. Enrollment from HEER. (CountyPR:en_co_xy:11/19/92)

Chapter 8

STATE EDUCATION ATTAINMENT AND STATE PARTICIPATION RATES NATIONAL COMPARISON

State Education Attainment, 1990
See Table 8-1

The education attainment statistics are a product of a 1990 national survey done by the Bureau of the Census. It shows the percentage of population 25 years and over who earned a bachelors degree or higher by state. In Washington State, 23 percent of population age 25 years and over has attained at least a four-year degree, placing Washington at the 76th percentile compared to all other states in the U.S. as of April 1990.

In spite of the low ranking of the Washington state four-year enrollment participation rate (See below), the educational attainment of Washington population is relatively high. This suggests that Washington State has been attracting an educated population from out-of-state to sustain its labor market activities.

State Participation Rates
See Tables 8-2 to 8-16

Participation rates for Washington and other states assist in the comparison of Washington higher education service levels with those of other states. The state participation rate is the number of persons enrolled in four-year private and two- and four-year public institutions per 100 population in each state, aged 17 years and older. Two-year private colleges are not included in the study due to the unreliability of available data. (Note: Use of a single participation rate for persons age 17 and over, rather than single year of age participation rates, is valid for present point in time comparisons. Analysis involving projections, however, must use single year of age participation rates due to changes in the composition of the population over time.)

State population data are from the U.S. Census population estimate. The Washington population estimate is from the Office of Financial Management, Forecasting Division. The U.S. Census Bureau and the Office of Financial Management estimates for Washington are extremely close. State enrollment data by type of college and division of study are based on the National Center of Education Statistics (NCES) - Integrated Postsecondary Education Data System (IPEDS), Fall Enrollment reports and obtained from The National Center for Higher Education Management Systems (NCHEMS).

The formula applied in the calculation is:

$$\textit{Participation Rate (Rate per 100)} = \frac{\textit{IPEDS Fall Headcount}}{\textit{Estimated Population Ages 17+}} \; X \; 100$$

The IPEDS enrollment figures for Washington state are not exactly the same as the Washington State Higher Education Enrollment Report (HEER) for four-year public institutions or the Management Information System (MIS) for the two-year public colleges. Comparison of the HEER, MIS, and IPEDS enrollment is included in Appendix E-2.

For all public and private institutions (excluding the two-year private schools), the Washington state participation rate was 7.13 in Fall 1990 compared to 7.15 for the U.S. average. The 7.13 rate placed Washington in the top 45.10 national percentile ranking, or 29th out of 51 states. The state at the 70 percentile ranking had 8.00 percent participation rate (Table 8-2).

The community college participation rate ranked high in the national two-year college category in 1990. The rate was 3.99 compared to a 2.62 United States average and placed Washington at the 92.16 percentile ranking, excluding Washington technical colleges.

The four-year public institution rate was 2.22 compared to the national rate of 3.08 and was at the 3.92 percentile ranking.

The four-year private institution participation rate was 0.92 compared to the U.S. average of 1.45.

Comparing 1990 and 1985 statistics, Washington's total higher education enrollment participation rate moved up to 7.13 from 6.96. However, the national percentile ranking dropped from 66.67 in 1985 to 45.10 in 1990.

A longer trend perspective shows a total participation rate of 8.77 in 1981, a drop to 6.96 in 1985, an increase to 7.12 in 1987 and a slight increase to 7.13 in 1990.

A summary of 1981, 1985, 1987, and 1990 comparisons and full state participation rate statistics for 1990 are presented in the following tables.

Table 8-1
Percent of Population Age 25 Years and Over with Bachelor Degree or Higher

State	Percent with Bachelor Degree or Higher	Percentile Ranking
District of Columbia	33.3	100.00
Massachusetts	27.2	98.04
Connecticut	27.2	96.08
Colorado	27.0	94.12
Maryland	26.5	92.16
New Jersey	24.9	90.20
Virginia	24.5	88.24
New Hampshire	24.4	86.27
Vermont	24.3	84.31
California	23.4	82.35
New York	23.1	80.39
Alaska	23.0	78.43
** *WASHINGTON* **	*22.9*	*76.47*
Hawaii	22.9	74.51
Utah	22.3	72.55
Minnesota	21.8	70.59
Delaware	21.4	68.63
Rhode Island	21.3	66.67
Kansas	21.1	64.71
Illinois	21.0	62.75
Oregon	20.6	60.78
New Mexico	20.4	58.82
Texas	20.3	56.86
Arizona	20.3	54.90
Montana	19.8	52.94
Georgia	19.3	50.98
Nebraska	18.9	49.02
Wyoming	18.8	47.06
Maine	18.8	45.10
Florida	18.3	43.14
North Dakota	18.1	41.18
Pennsylvania	17.9	39.22
Oklahoma	17.8	37.25
Missouri	17.8	35.29
Idaho	17.7	33.33
Wisconsin	17.7	31.37
Michigan	17.4	29.41
North Carolina	17.4	27.45
South Dakota	17.2	25.49
Ohio	17.0	23.53
Iowa	16.9	21.57
South Carolina	16.6	19.61
Louisiana	16.1	17.65
Tennessee	16.0	15.69
Alabama	15.7	13.73
Indiana	15.6	11.76
Nevada	15.3	9.80
Mississippi	14.7	7.84
Kentucky	13.6	5.88
Arkansas	13.3	3.92
West Virginia	12.3	1.96
United States	20.3	

Source: U.S. Dept. of Commerce, Bureau of Census: Census of Population and Housing, 1990. (BOOK92:BACensus:12/17/92)

Table 8-2
Participation Rates of U.S. Average, Washington State at 70%, and
Washington State Percentile Ranking by Type of College and Division
Fall 1981, 1985, 1987, and 1990

	Participation Rate												Washington State							
	U.S. Average				WA State at App. 70%				WA State				State Rank				Percentile Ranking			
Type of College	1981	1985	1987	1990	1981	1985	1987	1990	1981	1985	1987	1990	1981	1985	1987	1990	1981	1985	1987	1990
Total[1]	7.06	6.65	6.59	7.15	7.51	7.02	7.19	8.00	8.77	6.96	7.12	7.13	7	18	18	29	88.24	66.67	66.67	45.10
2 & 4-Yr Public	5.61	5.25	5.25	5.70	6.20	6.03	5.98	4.66	7.87	6.08	6.26	6.22	4	13	12	20	94.12	76.47	78.43	62.75
Lower Div.	3.95	3.62	3.68	3.96	4.19	4.03	4.06	4.70	6.37	4.69	4.95	4.84	4	6	5	14	94.12	90.20	82.16	74.51
Upper Div.	1.08	1.07	1.00	1.14	1.31	1.33	1.24	1.46	0.98	0.91	0.90	1.00	41	43	39	40	21.57	17.65	25.49	23.53
Uncls.	0.11	0.11	0.11	0.12	0.12	0.13	0.15	0.14	0.12	0.11	0.04	0.01	19	21	43	48	64.71	60.78	17.65	7.84
Grad & Prof	0.47	0.45	0.45	0.48	0.55	0.55	0.57	0.57	0.41	0.38	0.37	0.37	33	37	35	42	37.25	29.41	33.33	19.61
2-Yr Public	2.57	2.34	2.34	2.62	2.50	2.39	2.50	2.75	5.34	3.73	3.99	3.99	3	6	5	5	96.08	90.20	92.16	92.16
4-Yr Public	3.04	2.91	2.91	3.08	4.00	3.76	3.68	4.09	2.53	2.35	2.27	2.22	45	46	46	50	13.73	11.76	11.76	3.92
Lower Div.	1.38	1.28	1.34	1.34	1.92	1.81	1.94	1.24	1.03	0.96	0.96	0.85	48	47	48	48	7.84	9.80	7.84	7.84
Upper Div.	1.08	1.07	1.00	1.14	1.31	1.33	1.24	1.46	0.98	0.91	0.90	1.00	41	43	39	40	21.57	17.65	25.49	23.53
Uncls.	0.11	0.11	0.11	0.12	0.12	0.13	0.15	0.14	0.12	0.11	0.04	0.01	16	21	43	48	70.59	60.78	17.65	7.84
Grad & Prof	0.47	0.45	0.45	0.48	0.55	0.55	0.57	0.57	0.41	0.38	0.37	0.37	33	37	35	42	37.25	29.41	33.33	19.61
4-Yr Private	1.45	1.40	1.35	1.45	1.32	1.33	1.25	1.52	0.90	0.87	0.86	0.92	28	31	30	30	47.06	41.18	43.14	43.14
Lower Div.	0.64	0.59	0.59	0.61	0.69	0.66	0.62	0.71	0.40	0.37	0.36	0.33	30	30	33	39	43.14	43.14	37.25	25.49
Upper Div.	0.46	0.45	0.40	0.45	0.48	0.47	0.42	0.49	0.30	0.31	0.29	0.34	25	26	24	27	52.94	50.98	54.90	49.02
Uncls.	0.03	0.03	0.03	0.04	0.02	0.03	0.03	0.03	0.04	0.03	0.03	1.03	11	13	11	19	80.39	76.47	80.39	64.71
Grad & Prof	0.33	0.33	0.32	0.35	0.24	0.24	0.22	0.28	0.16	0.16	0.17	0.22	29	29	25	21	45.10	45.10	52.94	60.78

[1]Does not include 2-yr private colleges.

(HIEDSEC7&8:81_90pr:12/3/92)

Table 8-3
1990 Participation Rate of All Two- and Four-Year Public and Four-Year Private Colleges
All Divisions

State	Participation Rate	State Rank	Percentile Rank
District of Columbia	16.26	1	100.00
Utah	10.65	2	98.04
Rhode Island	9.91	3	96.08
Arizona	9.61	4	94.12
Nebraska	9.61	5	92.16
Wyoming	9.42	6	90.20
Colorado	9.16	7	88.24
Kansas	8.79	8	86.27
Massachusetts	8.56	9	84.31
Illinois	8.34	10	82.35
Delaware	8.22	11	80.39
Wisconsin	8.14	12	78.43
Michigan	8.13	13	76.47
Vermont	8.05	14	74.51
Iowa	8.03	15	72.55
Alabama	8.00	16	70.59
North Dakota	7.98	17	68.63
California	7.86	18	66.67
New Mexico	7.83	19	64.71
Oregon	7.72	20	62.75
Alaska	7.64	21	60.78
Minnesota	7.64	22	58.82
Missouri	7.37	23	56.86
Virginia	7.33	24	54.90
New York	7.25	25	52.94
Texas	7.23	26	50.98
Maryland	7.18	27	49.02
Oklahoma	7.17	28	47.06
** *WASHINGTON* **	***7.13***	***29***	***45.10***
North Carolina	6.78	30	43.14
New Hampshire	6.72	31	41.18
Indiana	6.70	32	39.22
Nevada	6.70	33	37.25
South Dakota	6.69	34	35.29
Ohio	6.56	35	33.33
Connecticut	6.52	36	31.37
Mississippi	6.40	37	29.41
Hawaii	6.38	38	27.45
Kentucky	6.18	39	25.49
Idaho	6.11	40	23.53
Pennsylvania	6.04	41	21.57
Louisiana	6.03	42	19.61
West Virginia	5.95	43	17.65
Montana	5.93	44	15.69
Tennessee	5.93	45	13.73
Maine	5.92	46	11.76
South Carolina	5.92	47	9.80
New Jersey	5.31	48	7.84
Florida	5.20	49	5.88
Arkansas	5.01	50	3.92
Georgia	5.01	51	1.96
National Average	7.15		

Table 8-4
1990 Participation Rate of Two- and Four-Year Public Universities/Colleges
All Divisions

State	Participation Rate	State Rank	Percentile Rank
Wyoming	9.42	1	100.00
Arizona	9.10	2	98.04
Colorado	8.28	3	96.08
Nebraska	8.08	4	94.12
Kansas	8.07	5	92.16
Utah	7.65	6	90.20
New Mexico	7.65	7	88.24
Alabama	7.41	8	86.27
North Dakota	7.35	9	84.31
Alaska	7.22	10	82.35
Michigan	6.99	11	80.39
California	6.95	12	78.43
Wisconsin	6.91	13	76.47
Oregon	6.74	14	74.51
Delaware	6.70	15	72.55
Nevada	6.66	16	70.59
Texas	6.47	17	68.63
Oklahoma	6.42	18	66.67
Illinois	6.38	19	64.71
** *WASHINGTON* **	***6.22***	***20***	***62.75***
Maryland	6.14	21	60.78
Virginia	6.12	22	58.82
Minnesota	6.10	23	56.86
Mississippi	5.83	24	54.90
Idaho	5.79	25	52.94
Iowa	5.62	26	50.98
North Carolina	5.58	27	49.02
Montana	5.42	28	47.06
West Virginia	5.38	29	45.10
Rhode Island	5.36	30	43.14
Indiana	5.35	31	41.18
Kentucky	5.28	32	39.22
South Dakota	5.24	33	37.25
Ohio	5.20	34	35.29
Louisiana	5.18	35	33.33
Missouri	5.17	36	31.37
Hawaii	5.11	37	29.41
South Carolina	5.01	38	27.45
Vermont	4.90	39	25.49
Tennessee	4.69	40	23.53
Arkansas	4.46	41	21.57
Maine	4.40	42	19.61
New York	4.39	43	17.65
New Jersey	4.34	44	15.69
Florida	4.30	45	13.73
Connecticut	4.29	46	11.76
Georgia	4.05	47	9.80
Massachusetts	3.90	48	7.84
New Hampshire	3.81	49	5.88
Pennsylvania	3.72	50	3.92
District of Columbia	2.54	51	1.96
National Average	5.70		

Table 8-5
1990 Participation Rates of Two- and Four-Year Public Universities/Colleges
Lower Division

State	Participation Rate	State Rank	Percentile Rank
Wyoming	6.91	1	100.00
Arizona	6.80	2	98.04
Alaska	5.98	3	96.08
California	5.41	4	94.12
Colorado	5.33	5	92.16
New Mexico	5.25	6	90.20
Kansas	5.24	7	88.24
Alabama	5.20	8	86.27
Nebraska	5.16	9	84.31
Utah	5.02	10	82.35
Nevada	4.99	11	80.39
Illinois	4.91	12	78.43
Oregon	4.84	13	76.47
** *WASHINGTON* **	*4.84*	*14*	*74.51*
Delaware	4.71	15	72.55
Michigan	4.70	16	70.59
Wisconsin	4.59	17	68.63
North Dakota	4.42	18	66.67
Texas	4.41	19	64.71
Maryland	4.14	20	62.75
Virginia	4.13	21	60.78
Oklahoma	4.04	22	58.82
North Carolina	4.02	23	56.86
Minnesota	3.83	24	54.90
Mississippi	3.83	25	52.94
Iowa	3.62	26	50.98
Missouri	3.48	27	49.02
Rhode Island	3.42	28	47.06
Ohio	3.42	29	45.10
Idaho	3.39	30	43.14
Kentucky	3.36	31	41.18
Hawaii	3.33	32	39.22
Vermont	3.29	33	37.25
South Carolina	3.28	34	35.29
Indiana	3.27	35	33.33
West Virginia	3.18	36	31.37
Montana	3.15	37	29.41
Tennessee	3.12	38	27.45
Florida	3.07	39	25.49
New York	3.06	40	23.53
Maine	3.05	41	21.57
Louisiana	3.03	42	19.61
New Jersey	3.02	43	17.65
Arkansas	2.90	44	15.69
Connecticut	2.84	45	13.73
South Dakota	2.82	46	11.76
Massachusetts	2.76	47	9.80
New Hampshire	2.51	48	7.84
Georgia	2.51	49	5.88
Pennsylvania	2.50	50	3.92
District of Columbia	1.74	51	1.96
National Average	3.96		

Table 8-6
1990 Participation Rates of Two-Year Public Colleges
Lower Division

State	Participation Rate	State Rank	Percentile Rank
Arizona	5.60	1	100.00
Wyoming	5.57	2	98.04
California	4.72	3	96.08
Illinois	4.08	4	94.12
** *WASHINGTON* **	*3.99*	*5*	*92.16*
Oregon	3.56	6	90.20
Nevada	3.46	7	88.24
Alabama	3.34	8	86.27
Michigan	3.26	9	84.31
New Mexico	3.25	10	82.35
Kansas	3.19	11	80.39
Texas	3.10	12	78.43
Maryland	2.99	13	76.47
Colorado	2.91	14	74.51
Nebraska	2.90	15	72.55
Virginia	2.75	16	70.59
Wisconsin	2.75	17	68.63
Mississippi	2.69	18	66.67
North Carolina	2.67	19	64.71
Florida	2.57	20	62.75
Utah	2.54	21	60.78
Oklahoma	2.47	22	58.82
Iowa	2.38	23	56.86
Hawaii	2.37	24	54.90
Delaware	2.12	25	52.94
Rhode Island	2.10	26	50.98
New Jersey	2.06	27	49.02
Minnesota	2.01	28	47.06
Missouri	1.93	29	45.10
South Carolina	1.90	30	43.14
New York	1.78	31	41.18
Tennessee	1.75	32	39.22
Connecticut	1.73	33	37.25
Ohio	1.67	34	35.29
Massachusetts	1.58	35	33.33
North Dakota	1.57	36	31.37
Kentucky	1.46	37	29.41
Pennsylvania	1.17	38	27.45
Georgia	1.14	39	25.49
Vermont	1.13	40	23.53
New Hampshire	0.99	41	21.57
Arkansas	0.98	42	19.61
Indiana	0.88	43	17.65
Idaho	0.79	44	15.69
West Virginia	0.78	45	13.73
Louisiana	0.71	46	11.76
Maine	0.70	47	9.80
Montana	0.65	48	7.84
South Dakota	0.03	49	5.88
Alaska	0.00	50	3.92
District of Columbia	0.00	51	1.96
National Average	2.62		

Table 8-7
1990 Participation Rates of Four-Year Public Universities/Colleges
All Divisions

State	Participation Rate	State Rank	Percentile Rank
Alaska	7.22	1	100.00
North Dakota	5.78	2	98.04
Colorado	5.37	3	96.08
South Dakota	5.21	4	94.12
Nebraska	5.18	5	92.16
Utah	5.11	6	90.20
Idaho	5.00	7	88.24
Kansas	4.88	8	86.27
Montana	4.76	9	84.31
West Virginia	4.60	10	82.35
Delaware	4.58	11	80.39
Louisiana	4.47	12	78.43
Indiana	4.47	13	76.47
New Mexico	4.40	14	74.51
Wisconsin	4.16	15	72.55
Minnesota	4.09	16	70.59
Alabama	4.07	17	68.63
Oklahoma	3.95	18	66.67
Wyoming	3.85	19	64.71
Kentucky	3.82	20	62.75
Vermont	3.76	21	60.78
Michigan	3.73	22	58.82
Maine	3.70	23	56.86
Ohio	3.53	24	54.90
Arizona	3.50	25	52.94
Arkansas	3.48	26	50.98
Texas	3.37	27	49.02
Virginia	3.36	28	47.06
Rhode Island	3.26	29	45.10
Iowa	3.24	30	43.14
Missouri	3.24	31	41.18
Nevada	3.20	32	39.22
Oregon	3.18	33	37.25
Maryland	3.15	34	35.29
Mississippi	3.15	35	33.33
South Carolina	3.11	36	31.37
Tennessee	2.95	37	29.41
Georgia	2.91	38	27.45
North Carolina	2.91	39	25.49
New Hampshire	2.82	40	23.53
Hawaii	2.74	41	21.57
New York	2.61	42	19.61
Connecticut	2.56	43	17.65
Pennsylvania	2.55	44	15.69
District of Columbia	2.54	45	13.73
Massachusetts	2.32	46	11.76
Illinois	2.30	47	9.80
New Jersey	2.28	48	7.84
California	2.23	49	5.88
** *WASHINGTON* **	*2.22*	*50*	*3.92*
Florida	1.73	51	1.96
National Average	3.08		

Table 8-8
1990 Participation Rates of Four-Year Public Universities/Colleges
Lower Division

State	Participation Rate	State Rank	Percentile Rank
Alaska	5.98	1	100.00
North Dakota	2.85	2	98.04
South Dakota	2.79	3	96.08
Idaho	2.60	4	94.12
Delaware	2.59	5	92.16
Montana	2.50	6	90.20
Utah	2.48	7	88.24
Colorado	2.42	8	86.27
West Virginia	2.40	9	84.31
Indiana	2.39	10	82.35
Maine	2.34	11	80.39
Louisiana	2.32	12	78.43
Nebraska	2.26	13	76.47
Vermont	2.16	14	74.51
Kansas	2.05	15	72.55
New Mexico	2.00	16	70.59
Arkansas	1.93	17	68.63
Kentucky	1.90	18	66.67
Alabama	1.86	19	64.71
Wisconsin	1.85	20	62.75
Minnesota	1.82	21	60.78
Ohio	1.75	22	58.82
District of Columbia	1.74	23	56.86
Oklahoma	1.57	24	54.90
Missouri	1.55	25	52.94
Nevada	1.53	26	50.98
New Hampshire	1.52	27	49.02
Michigan	1.44	28	47.06
South Carolina	1.38	29	45.10
Tennessee	1.38	30	43.14
Virginia	1.37	31	41.18
Georgia	1.36	32	39.22
North Carolina	1.35	33	37.25
Wyoming	1.34	34	35.29
Pennsylvania	1.33	35	33.33
Rhode Island	1.31	36	31.37
Texas	1.31	37	29.41
New York	1.28	38	27.45
Oregon	1.27	39	25.49
Iowa	1.24	40	23.53
Arizona	1.20	41	21.57
Massachusetts	1.19	42	19.61
Maryland	1.15	43	17.65
Mississippi	1.14	44	15.69
Connecticut	1.11	45	13.73
New Jersey	0.96	46	11.76
Hawaii	0.95	47	9.80
** *WASHINGTON* **	*0.85*	*48*	*7.84*
Illinois	0.83	49	5.88
California	0.69	50	3.92
Florida	0.50	51	1.96
National Average	1.34		

Table 8-9
1990 Participation Rate of Four-Year Public Colleges
Upper Division

State	Participation Rate	State Rank	Percentile Rank
North Dakota	2.39	1	100.00
Utah	1.97	2	98.04
Nebraska	1.83	3	96.08
Colorado	1.81	4	94.12
Kansas	1.72	5	92.16
South Dakota	1.69	6	90.20
Minnesota	1.68	7	88.24
Montana	1.66	8	86.27
Wisconsin	1.62	9	84.31
Wyoming	1.55	10	82.35
Louisiana	1.53	11	80.39
Oklahoma	1.52	12	78.43
Alabama	1.51	13	76.47
West Virginia	1.49	14	74.51
Idaho	1.48	15	72.55
Arizona	1.46	16	70.59
Mississippi	1.45	17	68.63
Michigan	1.45	18	66.67
Delaware	1.44	19	64.71
New Mexico	1.43	20	62.75
Indiana	1.39	21	60.78
Texas	1.33	22	58.82
Maryland	1.31	23	56.86
Kentucky	1.28	24	54.90
Iowa	1.26	25	52.94
Oregon	1.24	26	50.98
Rhode Island	1.21	27	49.02
Virginia	1.16	28	47.06
Missouri	1.16	29	45.10
Ohio	1.13	30	43.14
Vermont	1.12	31	41.18
Arkansas	1.12	32	39.22
South Carolina	1.08	33	37.25
Nevada	1.07	34	35.29
Hawaii	1.07	35	33.33
California	1.06	36	31.37
Tennessee	1.05	37	29.41
North Carolina	1.04	38	27.45
Georgia	1.00	39	25.49
** *WASHINGTON* **	*1.00*	*40*	*23.53*
Alaska	0.96	41	21.57
Maine	0.94	42	19.61
New Hampshire	0.92	43	17.65
Illinois	0.91	44	15.69
Florida	0.86	45	13.73
New York	0.84	46	11.76
New Jersey	0.82	47	9.80
Connecticut	0.82	48	7.84
Pennsylvania	0.77	49	5.88
Massachusetts	0.73	50	3.92
District of Columbia	0.59	51	1.96
National Average	1.14		

Table 8-10
1990 Participation Rate of Four-Year Public Colleges
Unclassified Division

State	Participation Rate	State Rank	Percentile Rank
Wyoming	0.48	1	100.00
Colorado	0.47	2	98.04
Rhode Island	0.31	3	96.08
New Mexico	0.29	4	94.12
Nevada	0.27	5	92.16
Kansas	0.24	6	90.20
Oregon	0.22	7	88.24
Arizona	0.20	8	86.27
Virginia	0.20	9	84.31
South Dakota	0.20	10	82.35
Montana	0.17	11	80.39
New Hampshire	0.17	12	78.43
Texas	0.16	13	76.47
Idaho	0.15	14	74.51
Hawaii	0.14	15	72.55
West Virginia	0.14	16	70.59
California	0.14	17	68.63
Nebraska	0.14	18	66.67
South Carolina	0.14	19	64.71
Indiana	0.13	20	62.75
Kentucky	0.13	21	60.78
New Jersey	0.12	22	58.82
Louisiana	0.12	23	56.86
Massachusetts	0.12	24	54.90
New York	0.11	25	52.94
Wisconsin	0.11	26	50.98
Utah	0.11	27	49.02
Iowa	0.10	28	47.06
Michigan	0.10	29	45.10
Illinois	0.10	30	43.14
North Carolina	0.09	31	41.18
Florida	0.09	32	39.22
Oklahoma	0.09	33	37.25
Vermont	0.09	34	35.29
Connecticut	0.09	35	33.33
Pennsylvania	0.09	36	31.37
Tennessee	0.08	37	29.41
Georgia	0.08	38	27.45
Missouri	0.07	39	25.49
Alabama	0.07	40	23.53
Ohio	0.07	41	21.57
Arkansas	0.07	42	19.61
Maryland	0.07	43	17.65
District of Columbia	0.06	44	15.69
Minnesota	0.06	45	13.73
Mississippi	0.05	46	11.76
Delaware	0.01	47	9.80
** *WASHINGTON* **	*0.01*	*48*	*7.84*
Alaska	0.00	49	5.88
North Dakota	0.00	50	3.92
Maine	0.00	51	1.96
National Average	0.12		

Table 8-11
1990 Participation Rate of Four-Year Public Colleges
Graduate and Professional Division

State	Participation Rate	State Rank	Percentile Rank
Nebraska	0.95	1	100.00
Kansas	0.87	2	98.04
Oklahoma	0.78	3	96.08
Idaho	0.77	4	94.12
Michigan	0.74	5	92.16
New Mexico	0.68	6	90.20
Colorado	0.68	7	88.24
Iowa	0.64	8	86.27
Arizona	0.64	9	84.31
Virginia	0.63	10	82.35
Maryland	0.63	11	80.39
Alabama	0.62	12	78.43
Wisconsin	0.59	13	76.47
Ohio	0.58	14	74.51
Texas	0.58	15	72.55
Hawaii	0.57	16	70.59
West Virginia	0.57	17	68.63
Utah	0.56	18	66.67
Indiana	0.56	19	64.71
Delaware	0.54	20	62.75
Connecticut	0.54	21	60.78
South Dakota	0.54	22	58.82
Minnesota	0.53	23	56.86
North Dakota	0.53	24	54.90
Kentucky	0.51	25	52.94
South Carolina	0.51	26	50.98
Mississippi	0.51	27	49.02
Louisiana	0.50	28	47.06
Wyoming	0.48	29	45.10
Georgia	0.47	30	43.14
Missouri	0.46	31	41.18
Illinois	0.46	32	39.22
Oregon	0.45	33	37.25
Tennessee	0.44	34	35.29
Montana	0.44	35	33.33
Rhode Island	0.43	36	31.37
North Carolina	0.42	37	29.41
Maine	0.41	38	27.45
Vermont	0.39	39	25.49
New York	0.38	40	23.53
New Jersey	0.37	41	21.57
** *WASHINGTON* **	*0.37*	*42*	*19.61*
Arkansas	0.37	43	17.65
Pennsylvania	0.36	44	15.69
California	0.34	45	13.73
Nevada	0.32	46	11.76
Massachusetts	0.28	47	9.80
Florida	0.28	48	7.84
Alaska	0.27	49	5.88
New Hampshire	0.21	50	3.92
District of Columbia	0.14	51	1.96
National Average	0.48		

Table 8-12
1990 Participation Rate of Four-Year Private Colleges
All Divisions

State	Participation Rate	State Rank	Percentile Rank
District of Columbia	13.72	1	100.00
Massachusetts	4.66	2	98.04
Rhode Island	4.55	3	96.08
Vermont	3.15	4	94.12
Utah	2.99	5	92.16
New Hampshire	2.91	6	90.20
New York	2.86	7	88.24
Iowa	2.40	8	86.27
Pennsylvania	2.32	9	84.31
Connecticut	2.23	10	82.35
Missouri	2.20	11	80.39
Illinois	1.96	12	78.43
Minnesota	1.54	13	76.47
Nebraska	1.53	14	74.51
Maine	1.52	15	72.55
Delaware	1.52	16	70.59
South Dakota	1.45	17	68.63
Ohio	1.36	18	66.67
Indiana	1.35	19	64.71
Hawaii	1.27	20	62.75
Tennessee	1.23	21	60.78
Wisconsin	1.23	22	58.82
Virginia	1.22	23	56.86
North Carolina	1.20	24	54.90
Michigan	1.14	25	52.94
Maryland	1.04	26	50.98
Oregon	0.98	27	49.02
New Jersey	0.97	28	47.06
Georgia	0.96	29	45.10
** *WASHINGTON* **	***0.91***	***30***	***43.14***
California	0.91	31	41.18
South Carolina	0.91	32	39.22
Florida	0.90	33	37.25
Kentucky	0.90	34	35.29
Colorado	0.88	35	33.33
Louisiana	0.85	36	31.37
Texas	0.76	37	29.41
Oklahoma	0.75	38	27.45
Kansas	0.72	39	25.49
North Dakota	0.63	40	23.53
Alabama	0.58	41	21.57
West Virginia	0.57	42	19.61
Mississippi	0.57	43	17.65
Arkansas	0.56	44	15.69
Montana	0.52	45	13.73
Arizona	0.51	46	11.76
Alaska	0.43	47	9.80
Idaho	0.33	48	7.84
New Mexico	0.18	49	5.88
Nevada	0.03	50	3.92
Wyoming	0.00	51	1.96
National Average	1.45		

Table 8-13
1990 Participation Rate of Four-Year Private Colleges
Lower Division

State	Participation Rate	State Rank	Percentile Rank
District of Columbia	4.64	1	100.00
Rhode Island	2.47	2	98.04
Massachusetts	1.85	3	96.08
Vermont	1.46	4	94.12
New Hampshire	1.44	5	92.16
Utah	1.40	6	90.20
New York	1.14	7	88.24
Iowa	1.03	8	86.27
Pennsylvania	1.02	9	84.31
Missouri	0.99	10	82.35
Connecticut	0.91	11	80.39
South Dakota	0.90	12	78.43
Hawaii	0.82	13	76.47
Nebraska	0.77	14	74.51
Illinois	0.73	15	72.55
Delaware	0.71	16	70.59
Indiana	0.68	17	68.63
Maine	0.67	18	66.67
Ohio	0.64	19	64.71
Minnesota	0.63	20	62.75
Virginia	0.62	21	60.78
Tennessee	0.61	22	58.82
North Carolina	0.60	23	56.86
Michigan	0.59	24	54.90
Wisconsin	0.56	25	52.94
Kentucky	0.49	26	50.98
South Carolina	0.47	27	49.02
Georgia	0.47	28	47.06
Oregon	0.43	29	45.10
Florida	0.42	30	43.14
New Jersey	0.40	31	41.18
Louisiana	0.38	32	39.22
Maryland	0.37	33	37.25
West Virginia	0.37	34	35.29
Colorado	0.36	35	33.33
Kansas	0.35	36	31.37
Oklahoma	0.35	37	29.41
Texas	0.33	38	27.45
** *WASHINGTON* **	*0.33*	*39*	*25.49*
North Dakota	0.33	40	23.53
Arkansas	0.33	41	21.57
Montana	0.31	42	19.61
Alabama	0.31	43	17.65
Alaska	0.27	44	15.69
California	0.25	45	13.73
Mississippi	0.22	46	11.76
Arizona	0.15	47	9.80
Idaho	0.14	48	7.84
New Mexico	0.10	49	5.88
Nevada	0.02	50	3.92
Wyoming	0.00	51	1.96
National Average	0.61		

Table 8-14
1990 Participation Rate of Four-Year Private Colleges
Upper Division

State	Participation Rate	State Rank	Percentile Rank
District of Columbia	3.08	1	100.00
Rhode Island	1.58	2	98.04
Massachusetts	1.41	3	96.08
Utah	1.32	4	94.12
Vermont	1.06	5	92.16
Iowa	0.90	6	90.20
New York	0.83	7	88.24
New Hampshire	0.83	8	86.27
Pennsylvania	0.78	9	84.31
Maine	0.69	10	82.35
Missouri	0.62	11	80.39
Connecticut	0.58	12	78.43
Nebraska	0.57	13	76.47
Illinois	0.56	14	74.51
Minnesota	0.55	15	72.55
Indiana	0.49	16	70.59
South Dakota	0.49	17	68.63
Wisconsin	0.47	18	66.67
Ohio	0.46	19	64.71
North Carolina	0.41	20	62.75
Tennessee	0.41	21	60.78
Michigan	0.40	22	58.82
Virginia	0.35	23	56.86
Hawaii	0.35	24	54.90
Delaware	0.35	25	52.94
South Carolina	0.34	26	50.98
** *WASHINGTON* **	***0.34***	***27***	***49.02***
Kansas	0.32	28	47.06
Oregon	0.31	29	45.10
New Jersey	0.28	30	43.14
North Dakota	0.27	31	41.18
Georgia	0.27	32	39.22
Florida	0.26	33	37.25
Oklahoma	0.26	34	35.29
Maryland	0.25	35	33.33
Texas	0.25	36	31.37
California	0.24	37	29.41
Louisiana	0.24	38	27.45
Mississippi	0.24	39	25.49
Kentucky	0.24	40	23.53
Colorado	0.22	41	21.57
Arkansas	0.22	42	19.61
Alabama	0.20	43	17.65
Montana	0.18	44	15.69
West Virginia	0.18	45	13.73
Arizona	0.17	46	11.76
Alaska	0.11	47	9.80
Idaho	0.10	48	7.84
New Mexico	0.07	49	5.88
Nevada	0.01	50	3.92
Wyoming	0.00	51	1.96
National Average	0.45		

Table 8-15
1990 Participation Rate of Four-Year Private Colleges
Unclassified Division

State	Participation Rate	State Rank	Percentile Rank
District of Columbia	0.62	1	100.00
Vermont	0.29	2	98.04
Iowa	0.14	3	96.08
Massachusetts	0.13	4	94.12
New Hampshire	0.09	5	92.16
New York	0.08	6	90.20
Connecticut	0.07	7	88.24
Colorado	0.07	8	86.27
Idaho	0.06	9	84.31
Illinois	0.05	10	82.35
Arizona	0.05	11	80.39
Pennsylvania	0.04	12	78.43
Maryland	0.04	13	76.47
California	0.04	14	74.51
Wisconsin	0.03	15	72.55
New Jersey	0.03	16	70.59
Virginia	0.03	17	68.63
Missouri	0.03	18	66.67
** *WASHINGTON* **	*0.03*	*19*	*64.71*
Rhode Island	0.03	20	62.75
Ohio	0.02	21	60.78
Oregon	0.02	22	58.82
Indiana	0.02	23	56.86
Minnesota	0.02	24	54.90
Mississippi	0.02	25	52.94
Georgia	0.02	26	50.98
Nebraska	0.02	27	49.02
Florida	0.01	28	47.06
Maine	0.01	29	45.10
Kentucky	0.01	30	43.14
Louisiana	0.01	31	41.18
Alaska	0.01	32	39.22
North Carolina	0.01	33	37.25
Texas	0.01	34	35.29
Montana	0.01	35	33.33
Hawaii	0.01	36	31.37
Tennessee	0.01	37	29.41
Utah	0.01	38	27.45
Delaware	0.00	39	25.49
Michigan	0.00	40	23.53
Oklahoma	0.00	41	21.57
South Dakota	0.00	42	19.61
Kansas	0.00	43	17.65
South Carolina	0.00	44	15.69
Arkansas	0.00	45	13.73
Alabama	0.00	46	11.76
New Mexico	0.00	47	9.80
West Virginia	0.00	48	7.84
North Dakota	0.00	49	5.88
Nevada	0.00	50	3.92
Wyoming	0.00	51	1.96
National Average	0.04		

Table 8-16
1990 Participation Rates of Four-Year Private Colleges
Graduate and Professional Division

State	Participation Rate	State Rank	Percentile Rank
District of Columbia	5.38	1	100.00
Massachusetts	1.26	2	98.04
New York	0.81	3	96.08
Connecticut	0.66	4	94.12
Illinois	0.61	5	92.16
Missouri	0.56	6	90.20
New Hampshire	0.55	7	88.24
Pennsylvania	0.48	8	86.27
Rhode Island	0.47	9	84.31
Delaware	0.46	10	82.35
California	0.38	11	80.39
Maryland	0.37	12	78.43
Minnesota	0.34	13	76.47
Vermont	0.34	14	74.51
Iowa	0.33	15	72.55
Utah	0.28	16	70.59
New Jersey	0.26	17	68.63
Ohio	0.24	18	66.67
Colorado	0.23	19	64.71
Oregon	0.22	20	62.75
** *WASHINGTON* **	***0.22***	***21***	***60.78***
Virginia	0.22	22	58.82
Louisiana	0.22	23	56.86
Tennessee	0.21	24	54.90
Georgia	0.21	25	52.94
Florida	0.20	26	50.98
North Carolina	0.18	27	49.02
Nebraska	0.17	28	47.06
Texas	0.17	29	45.10
Wisconsin	0.17	30	43.14
Indiana	0.16	31	41.18
Kentucky	0.16	32	39.22
Oklahoma	0.15	33	37.25
Maine	0.15	34	35.29
Michigan	0.15	35	33.33
Arizona	0.14	36	31.37
Mississippi	0.10	37	29.41
Hawaii	0.09	38	27.45
South Carolina	0.09	39	25.49
Alabama	0.07	40	23.53
South Dakota	0.06	41	21.57
Kansas	0.04	42	19.61
Alaska	0.03	43	17.65
Idaho	0.03	44	15.69
North Dakota	0.03	45	13.73
West Virginia	0.03	46	11.76
Montana	0.01	47	9.80
New Mexico	0.01	48	7.84
Arkansas	0.01	49	5.88
Nevada	0.01	50	3.92
Wyoming	0.00	51	1.96
National Average	0.35		

Appendix A

HISTORICAL AND CURRENT ENROLLMENT STATISTICS

Appendix A–1
Community College Headcount by College
Fall 1954 to Fall 1973

Colleges	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Bellevue	--	--	--	--	--	--	--	--	--	--
Big Bend	--	--	--	--	--	--	--	--	808	1,128
Centralia	208	302	386	408	427	508	691	807	1,109	1,061
Clark	1,016	1,213	1,313	1,575	1,216	1,398	1,522	1,753	3,322	3,036
Columbia Basin	--	141	497	719	1,047	1,279	1,269	1,605	2,871	2,700
Edmonds	--	--	--	--	--	--	--	--	--	--
Everett	1,344	1,772	2,010	2,098	1,891	2,158	2,170	2,367	3,904	4,036
Grays Harbor	340	362	416	419	593	595	587	698	1,108	1,150
Green River	--	--	--	--	--	--	--	--	--	--
Highline	--	--	--	--	--	--	--	1,092	2,085	2,545
Lower Columbia	332	577	409	455	514	598	724	883	1,728	1,801
North Seattle	--	--	--	--	--	--	--	--	--	--
Olympic	1,287	1,347	1,551	1,139	1,150	1,292	1,565	2,089	3,554	3,609
Peninsula	--	--	--	--	--	--	--	302	632	686
Pierce	--	--	--	--	--	--	--	--	--	--
Seattle Central	--	--	--	--	--	--	--	--	--	--
Shoreline	--	--	--	--	--	--	--	--	--	865
Skagit Valley	333	453	514	578	583	744	766	984	1,918	1,821
South Puget Sound	--	--	--	--	--	--	--	--	--	--
South Seattle	--	--	--	--	--	--	--	--	--	--
Spokane	--	--	--	--	--	--	--	--	--	293
Spokane Falls	--	--	--	--	--	--	--	--	--	--
Tacoma	--	--	--	--	--	--	--	--	--	--
Walla Walla	--	--	--	--	--	--	--	--	--	--
Wenatchee Valley	278	330	325	351	460	497	551	628	1,050	1,336
Whatcom	--	--	--	--	--	--	--	--	--	--
Yakima Valley	520	700	612	704	877	904	1,041	1,341	2,354	2,409
Total	5,658	7,197	8,033	8,446	8,758	9,973	10,886	14,549	26,443	28,476

Colleges	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Bellevue	--	493	889	3,010	3,669	4,677	6,219	5,405	6,102	6,359
Big Bend	1,302	1,418	979	1,257	1,433	1,289	1,100	1,151	1,352	1,606
Centralia	1,360	1,560	1,521	1,738	1,901	2,492	3,099	2,947	3,373	3,767
Clark	3,218	3,602	3,464	3,320	3,996	4,012	5,282	5,069	5,451	6,100
Columbia Basin	2,680	2,832	2,552	2,676	2,895	3,682	4,157	4,196	4,525	5,252
Edmonds	--	--	--	1,431	1,557	2,678	3,147	2,834	3,403	3,443
Everett	4,160	4,717	4,892	4,929	4,769	5,181	5,731	5,867	6,643	6,736
Grays Harbor	1,526	1,895	1,900	2,055	2,073	2,886	3,042	2,690	2,837	3,311
Green River	--	1,766	2,755	3,251	4,366	5,076	5,795	5,154	5,620	5,849
Highline	3,256	3,640	3,335	4,839	5,317	6,379	7,417	6,898	7,762	8,608
Lower Columbia	1,896	2,052	1,909	2,179	2,282	2,476	2,704	2,569	2,406	3,036
North Seattle	--	--	--	--	--	--	4,326	4,951	4,625	5,139
Olympic	4,447	4,558	4,023	4,287	4,603	4,736	5,372	5,213	5,297	6,563
Peninsula	762	865	971	1,139	1,161	1,409	1,641	1,420	1,750	2,233
Pierce	--	--	--	1,683	1,598	1,774	3,369	3,193	4,102	7,412
Seattle Central	--	--	9,623	16,083	12,998	13,617	8,282	7,988	7,817	8,055
Shoreline	1,227	2,143	1,608	3,167	4,313	4,289	5,665	6,614	7,245	6,849
Skagit Valley	2,112	2,219	2,195	2,648	2,648	3,240	3,725	3,616	4,180	4,660
South Puget Sound	--	--	--	--	--	--	--	1,538	2,089	2,226
South Seattle	--	--	--	--	--	--	1,709	2,678	2,917	3,883
Spokane	844	1,531	1,694	6,130	7,532	10,269	11,763	4,478	6,592	7,209
Spokane Falls	--	--	--	--	--	--	--	5,406	7,468	8,382
Tacoma	--	1,080	1,746	2,696	3,203	4,808	6,063	4,066	4,759	5,498
Walla Walla	--	--	--	864	1,249	1,448	1,874	2,313	2,869	3,432
Wenatchee Valley	1,536	1,615	1,587	1,635	1,683	1,610	2,135	1,954	2,004	2,086
Whatcom	--	--	--	--	--	--	357	490	1,167	1,636
Yakima Valley	2,855	3,119	2,968	3,346	3,406	3,673	4,705	3,756	4,292	4,505
Total	33,181	41,105	50,611	74,363	78,652	91,701	108,679	104,454	118,647	133,835

Note: The period 1954 to 1961 represents total headcount enrollment excluding auditors. The period 1962 to 1970 represents total headcount enrollment including auditors. Beginning in 1971, state funded headcount including contract funded was available. Beginning in 1976, state funded only headcount detail was provided.

(APPENDICE92:APP_A–1:enhis2y1:12/21/92)

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Appendix A-2
Community College Headcount by College
Fall 1974 to Fall 1991

Colleges	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Bellevue	6,690	6,771	6,691	7,597	8,148	8,666	7,929	7,063	5,740	6,270
Big Bend	1,978	2,260	2,010	2,596	2,762	2,897	2,812	2,212	1,544	1,969
Centralia	4,055	4,432	4,181	4,439	5,383	6,550	6,794	5,040	2,805	2,976
Clark	5,661	6,166	7,436	7,239	8,013	9,380	9,563	7,078	6,040	6,829
Columbia Basin	5,726	5,403	5,489	6,830	7,340	9,812	8,441	6,570	6,158	5,209
Edmonds	3,975	4,524	4,328	5,265	6,400	7,299	5,501	4,980	5,116	5,137
Everett	6,696	6,871	6,789	7,333	8,717	9,260	7,963	5,891	5,418	5,428
Grays Harbor	3,168	3,294	2,745	3,224	3,075	3,199	3,669	2,063	2,334	2,297
Green River	6,747	6,891	5,627	6,286	6,362	6,885	6,606	5,582	5,099	5,076
Highline	8,303	8,713	7,917	7,912	8,996	9,912	10,211	8,448	7,236	6,906
Lower Columbia	3,344	3,809	3,620	3,656	3,984	4,369	4,531	3,438	2,943	3,195
North Seattle	5,146	5,800	5,518	5,884	7,202	8,295	8,781	6,369	6,139	5,724
Olympic	7,050	6,964	6,411	7,401	7,387	8,206	8,052	5,402	5,512	5,704
Peninsula	2,512	2,917	2,398	2,850	2,915	3,563	3,579	2,393	2,198	2,061
Pierce	8,094	8,458	5,777	6,018	6,955	7,137	8,043	5,895	5,470	5,137
Seattle Central	8,349	8,548	7,852	8,398	8,272	10,078	9,823	6,232	6,610	6,393
Shoreline	7,090	7,078	7,216	7,332	7,648	7,814	7,901	6,052	5,642	6,103
Skagit Valley	5,041	5,285	4,586	5,523	5,968	7,135	6,727	5,096	3,585	3,931
South Puget Sound	2,485	2,676	2,921	3,045	3,265	4,110	3,811	2,866	2,998	3,249
South Seattle	4,215	4,931	5,004	5,611	6,106	7,770	7,739	5,492	4,442	4,227
Spokane	7,441	7,977	7,349	9,066	9,251	11,540	7,994	7,109	6,534	6,288
Spokane Falls	9,327	11,134	10,651	10,916	12,860	13,684	14,310	8,936	8,861	8,785
Tacoma	5,580	6,419	5,269	5,349	5,277	6,065	6,190	4,536	4,100	4,502
Walla Walla	3,584	3,612	3,520	4,013	5,053	5,268	5,636	4,628	3,278	3,287
Wenatchee Valley	2,456	2,779	2,671	3,180	2,986	3,988	3,042	2,592	2,208	2,400
Whatcom	1,923	2,157	2,149	2,397	2,433	2,938	2,574	2,466	2,162	2,252
Yakima Valley	4,778	5,775	4,697	5,532	4,870	5,709	6,169	4,526	3,604	4,185
Total	141,414	151,644	140,824	154,892	167,628	191,529	184,391	138,955	123,776	125,520

Colleges	1984	1985	1986	1987	1988	1989	1990	1991
Bellevue	6,846	6,961	6,960	6,943	3,726	7,197	7,341	7,143
Big Bend	1,772	1,557	1,805	2,015	1,828	2,022	1,794	1,666
Centralia	3,212	2,929	3,254	2,725	2,364	2,769	3,094	2,580
Clark	7,276	7,059	7,345	7,394	7,908	8,050	8,178	7,464
Columbia Basin	5,482	5,548	5,698	5,731	5,964	5,944	5,971	6,040
Edmonds	5,642	5,318	5,381	5,774	5,435	4,929	5,293	5,068
Everett	6,083	5,967	6,208	6,532	6,480	6,522	6,080	6,430
Grays Harbor	2,347	2,518	2,296	2,297	2,340	2,562	2,148	2,215
Green River	5,036	5,610	5,313	5,367	5,214	5,575	5,526	6,079
Highline	7,443	7,215	8,106	7,772	7,450	7,575	7,322	7,364
Lower Columbia	3,110	3,226	3,335	3,394	3,485	3,394	3,516	3,295
North Seattle	5,713	5,752	6,315	5,989	6,702	6,790	5,177	6,525
Olympic	6,007	5,655	5,449	5,709	5,054	5,506	2,151	5,213
Peninsula	2,664	2,700	2,672	2,520	2,523	2,491	5,975	2,294
Pierce	5,203	5,525	5,518	5,528	5,847	6,062	6,956	6,463
Seattle Central	7,041	6,825	6,708	6,834	7,135	6,992	6,633	7,540
Shoreline	5,866	6,337	6,660	6,476	6,544	6,425	5,164	6,499
Skagit Valley	4,031	4,282	4,405	4,124	4,553	4,366	6,257	4,408
South Puget Sound	3,215	3,329	3,735	3,540	3,589	3,791	4,598	3,754
South Seattle	4,268	4,583	4,608	5,092	5,458	5,083	3,831	5,050
Spokane	5,970	5,797	5,725	5,924	5,983	6,035	5,805	6,443
Spokane Falls	9,069	9,047	9,314	8,769	9,094	8,194	8,978	8,173
Tacoma	4,255	4,471	4,306	4,393	4,339	4,310	4,500	4,581
Walla Walla	3,317	3,460	3,647	3,392	3,775	3,623	3,577	3,298
Wenatchee Valley	2,351	2,301	2,952	2,683	2,320	2,643	2,551	2,554
Whatcom	2,160	2,000	2,128	1,686	2,002	2,106	2,310	2,302
Yakima Valley	4,482	4,526	4,679	4,235	4,900	3,819	4,053	4,641
Total	129,861	130,498	134,522	132,838	132,012	134,775	134,779	135,082

Note: The period 1954 to 1961 represents total headcount enrollment excluding auditors. The period 1962 to 1970 represents total headcount enrollment including auditors. Beginning in 1971, state funded headcount including contract funded was available. Beginning in 1976, state funded only headcount detail was provided.

(BOOK92:enhis2y2:12/7/92)

Appendix A–3
Public Four–Year Universities/College Fall Headcount
1954 to 1992

	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
University of Washington	16,164	16,779	18,493	18,876	20,320	20,792	22,304	23,011	23,895	25,581
Washington State University	5,865	6,258	6,191	6,409	6,772	7,117	7,444	8,440	8,310	8,792
Central Washington University	1,350	1,628	1,685	1,803	2,059	2,644	2,985	2,872	2,927	3,785
Eastern Washington University	992	1,230	1,591	2,370	2,458	2,621	3,156	2,873	3,083	3,584
The Evergreen State College	--	--	--	--	--	--	--	--	--	--
Western Washington University	1,600	1,832	2,263	2,427	2,741	2,702	3,256	3,815	4,197	4,200
Subtotal	25,971	27,727	30,223	31,885	34,350	35,876	39,145	41,011	42,412	45,942
Tri–Cities University Center	--	--	--	--	--	--	--	--	--	--
TOTAL	25,971	27,727	30,223	31,885	34,350	35,876	39,145	41,011	42,412	45,942

	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
University of Washington	26,632	28,617	29,535	30,288	32,537	33,055	33,202	33,478	34,125	34,524
Washington State University	9,498	10,500	11,045	11,609	12,241	13,367	14,510	14,463	14,529	14,733
Central Washington University	4,794	5,567	6,657	8,886	9,266	10,677	7,514	7,450	6,689	6,438
Eastern Washington University	4,015	4,323	4,674	4,923	5,494	6,564	6,801	6,618	6,726	6,415
The Evergreen State College	--	--	--	--	--	--	--	--	--	--
Western Washington University	4,889	5,732	6,119	6,722	8,135	9,897	9,601	9,864	8,884	8,126
Subtotal	49,828	54,739	58,030	62,428	67,673	73,560	71,628	71,873	70,953	70,236
Tri–Cities University Center	254	246	231	269	383	331	198	139	201	292
TOTAL	50,082	54,985	58,261	62,697	68,056	73,891	71,826	72,012	71,154	70,528

	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
University of Washington	34,504	35,434	35,277	37,120	36,249	37,037	36,155	34,759	34,024	33,884
Washington State University	15,613	16,184	16,693	16,665	16,679	16,748	17,236	16,826	16,565	16,261
Central Washington University	6,965	7,674	7,776	7,900	7,422	7,909	7,551	7,134	6,989	7,121
Eastern Washington University	6,390	7,185	6,895	6,837	7,013	7,724	8,333	7,864	8,156	8,492
The Evergreen State College	2,446	2,507	2,636	2,544	2,322	2,514	2,805	2,766	2,611	2,717
Western Washington University	8,601	9,198	9,123	9,359	9,800	10,104	10,616	10,291	9,352	9,617
Subtotal	74,519	78,182	78,400	80,425	79,485	82,036	82,696	79,640	77,697	78,092
Tri–Cities University Center	293	391	473	460	492	440	510	503	415	461
TOTAL	74,812	78,573	78,873	80,885	79,977	82,476	83,206	80,143	78,112	78,553

	1984	1985	1986	1987	1988	1989	1990	1991	1992
University of Washington – Seattle	34,015	33,625	33,226	32,889	32,956	32,714	32,809	33,442	33,637
U W – Evening Program	--	--	--	--	--	--	222	317	459
U W – Bothell/Woodinville	--	--	--	--	--	--	126	283	439
U W – Tacoma	--	--	--	--	--	--	176	343	482
Washington State University at Pullman	16,305	15,928	15,888	16,083	16,108	16,186	16,523	15,838	15,781
WSU at Spokane	--	--	--	--	--	57	196	211	236
WSU at Tri–Cities	--	--	--	--	--	792	936	921	1069
WSU SW Washington at Vancouver	--	--	--	--	--	281	395	516	565
Central Washington University – Ellensburg	7,377	6,954	6,990	7,286	7,096	7,356	7,582	7,300	7,579
CWU – Yakima	--	--	--	--	--	--	78	83	118
Eastern Washington University	8,527	7,838	8,091	8,036	8,134	8,098	8,402	8,348	8,363
The Evergreen State College	2,826	2,980	2,965	3,055	3,250	3,237	3,340	3,377	3,410
Western Washington University	9,144	9,200	9,398	9,559	9,838	9,322	9,732	10,010	10,150
Subtotal	78,194	76,525	76,558	76,908	77,382	78,043	80,517	80,989	82,288
Tri–Cities University Center	465	984	692	873	868	--	--	--	--
TOTAL	78,659	77,509	77,250	77,781	78,250	78,043	80,517	80,989	82,288

Note: The Tri–Cities University Center opened Fall 1958 and the Evergreen State College opened Fall 1971. WSU – Tri–Cities replaced Tri–Cities University Center starting 1989. UW – Evening Program, Bothell/Woodinville, and Tacoma opened Fall 1990. WSU at Spokane and SW Washington at Vancouver began separate funding Fall 1989. CWU – Yakima started separate funding Fall 1990.

Source: Higher Education Enrollment Reports. (Appendice92:APP_A–3:enrhis4y:12/21/92)

Appendix A–4
Private Universities/Colleges Fall Headcount
1954 to 1988

Universities/Colleges	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Fort Wright/Heritage College	244	252	269	277	344	293	315	296	421	463
Gonzaga University	1,435	1,420	1,497	1,668	1,650	1,915	1,773	1,724	1,928	2,041
Northwest College	219	186	172	175	223	197	217	220	180	268
Pacific Lutheran University	1,020	1,180	1,350	1,422	1,547	1,705	1,732	1,745	1,820	1,991
St. Martins College	194	232	240	345	332	341	376	397	454	444
Seattle Pacific College	916	964	1,038	1,107	1,126	1,196	1,233	1,363	1,566	1,733
Seattle University	3,161	3,107	3,060	3,033	3,265	3,194	3,481	3,720	3,820	3,941
Sulpician Seminary	149	137	137	135	165	181	213	207	198	200
University of Puget Sound	1,518	1,830	1,856	2,182	2,373	2,483	2,776	2,755	2,879	3,003
Walla Walla College	1,006	1,127	1,248	1,217	1,267	1,367	1,355	1,330	1,453	1,312
Whitman College	704	768	818	838	830	857	882	917	888	930
Whitworth College	856	832	1,101	1,101	1,265	1,372	1,407	1,560	1,625	1,734
TOTAL	11,422	12,035	12,786	13,500	14,387	15,101	15,760	16,234	17,232	18,060

Universities/Colleges	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973
Fort Wright/Heritage College	432	413	445	435	348	434	465	410	361	360
Gonzaga University	2,368	2,575	2,388	2,496	2,498	2,665	2,527	2,873	2,932	2,956
Northwest College	283	402	462	527	548	543	494	513	525	527
Pacific Lutheran University	2,042	2,286	2,684	2,757	2,776	2,831	3,001	3,038	3,267	3,360
St. Martins College	445	570	680	665	684	756	640	564	662	541
Seattle Pacific College	1,697	1,924	2,115	2,009	1,721	1,964	2,016	1,984	1,997	2,105
Seattle University	3,887	4,174	3,600	3,851	3,668	3,462	3,373	3,121	2,933	3,159
Sulpician Seminary	216	193	195	184	153	115	100	100	100	97
University of Puget Sound	3,036	2,914	2,949	3,072	3,184	3,392	2,863	2,984	4,166	4,551
Walla Walla College	1,396	1,706	1,706	1,514	1,533	1,715	1,752	1,834	1,834	1,822
Whitman College	996	1,051	1,025	1,040	1,098	1,118	1,105	1,071	1,091	1,140
Whitworth College	1,921	1,831	1,824	1,763	1,576	1,614	1,517	1,640	1,572	1,722
TOTAL	18,719	20,039	20,073	20,313	19,787	20,609	19,853	20,132	21,440	22,340

Universities/Colleges	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
Fort Wright/Heritage College	290	398	385	529	405	460	408	362	295	386
Gonzaga University	3,185	3,076	2,726	3,026	3,440	3,340	3,351	3,404	3,532	3,412
Northwest College	551	627	628	688	727	787	825	761	719	780
Pacific Lutheran University	3,367	3,428	3,261	3,228	3,348	3,376	3,475	3,652	3,582	3,533
St. Martins College	583	843	724	633	691	712	537	649	692	862
Seattle Pacific College	2,249	2,250	2,296	2,276	2,300	3,576	3,965	4,066	3,648	3,548
Seattle University	3,736	3,461	3,513	3,639	3,966	4,123	4,380	4,638	4,508	4,685
Sulpician Seminary	100	93	94	--	--	--	--	--	--	--
University of Puget Sound	4,554	5,135	5,009	4,940	4,709	4,935	5,137	5,619	5,630	5,465
Walla Walla College	1,857	1,959	2,005	1,864	1,838	1,959	1,905	1,886	1,717	1,607
Whitman College	1,129	1,123	1,137	1,132	1,183	1,153	1,155	1,225	1,214	1,270
Whitworth College	1,751	1,800	1,825	1,688	1,676	1,645	1,768	1,921	1,802	1,884
TOTAL	23,352	24,193	23,603	23,643	24,283	26,066	26,906	28,183	27,339	27,432

Universities/Colleges	1984	1985	1986	1987	1988
Fort Wright/Heritage College	339	338	342	344	379
Gonzaga University	3,232	3,152	3,272	3,582	3,645
Northwest College	690	671	580	578	689
Pacific Lutheran University	3,694	3,760	3,857	3,835	3,975
St. Martins College	924	896	897	930	1,035
Seattle Pacific College	3,850	3,276	3,167	4,178	4,279
Seattle University	4,653	4,410	4,367	4,291	4,416
Sulpician Seminary	--	--	--	--	--
University of Puget Sound	4,899	4,690	4,669	4,643	4,800
Walla Walla College	1,649	1,564	1,452	1,428	1,515
Whitman College	1,196	1,211	1,220	1,267	1,284
Whitworth College	1,764	1,803	1,764	1,792	1,840
TOTAL	26,890	25,771	25,587	26,868	28,057

Note:
Refer to Appendix Table A–5 for 1980–92 data – HECB–IPEDS Fall Enrollment Reports.

Note: UPS totals differ from those listed by Washington Friends of Higher Education, off–campus enrollment is included.

Source: 1954 – 1976 Higher Education Enrollment Reports, 1977 forward – Washington Friends of Higher Education. (APP_A–4:enrhispr:12/21/92)

Appendix A–5
Private Universities and Colleges Fall Headcount
1980–1991
Based on IPEDS Fall Enrollment Reports

University/College	1980	1981	1982	1983	1984	1985
City University	1,952	2,190	2,350 *	2,500 *	2,650 *	2,800 *
Cornish College of the Arts	410 *	505	500 *	500 *	555	443
Gonzaga University	3,362	3,404	3,491	3,393	3,209	3,117
Heritage College	408	362	295	307	339	331
Lutheran Bible Institute	280	247	217	199	207	160
Northwest College	824	761	719	780	690	671
Pacific Lutheran University	3,475	3,652	3,583	3,533	3,694	3,758
Puget Sound Christian College	173	152	150	142	122	104
Saint Martin's College	450	488	517	564	516	603
Seattle Pacific University	2,698	2,851	2,720	2,869	2,935	2,975
Seattle University	4,343	4,579	4,508	4,634	4,626	4,394
University of Puget Sound	3,900	4,056	4,199	4,198	3,924	4,041
Walla Walla College	1,905	1,886	1,717	1,607	1,635	1,550
Whitman College	1,140	1,221	1,209	1,264	1,185	1,202
Whitworth College	1,768	1,921	1,802	1,884	1,764	1,803
Total	27,088	28,275	27,977	28,374	28,051	27,952

University/College	1986	1987	1988	1989	1990	1991
City University	2,889	3,088	3,429	3,055	3,440	3,714
Cornish College of the Arts	429	489	521	558	596	602
Gonzaga University	3,259	3,385	3,592	3,599	3,833	4,365
Heritage College	341	344	379	540	966	1,041
Lutheran Bible Institute	143	145	137	110	148	161
Northwest College	579	576	687	695	681	658
Pacific Lutheran University	3,654	3,835	3,975	3,855	3,654	3,571
Puget Sound Christian College	105	97	88	81	70	84
Saint Martin's College	881	932	1,190	1,010	1,076	1,188
Seattle Pacific University	2,969	3,253	3,356	3,435	3,421	3,394
Seattle University	4,348	4,291	4,381	4,469	3,633	4,765
University of Puget Sound	3,941	4,045	4,234	4,208	4,253	4,135
Walla Walla College	1,386	1,392	1,429	1,454	1,566	1,650
Whitman College	1,240	1,287	1,284	1,278	1,300	1,221
Whitworth College	1,764	1,792	1,840	1,788	1,759	1,766
Total	27,928	28,951	30,522	30,135	30,396	32,315

* Projected figures.

Source: HECB–IPEDS Fall Enrollment Reports, 1980–1991. (APP_A–5:priv8091:12/21/92)

Appendix A-6
Public Two- and Four-Year Universities/Colleges
Fall Headcount and Full-Time Equivalents
1970-71 to 1992-93

Academic Year	Fall Term Headcount			Fall Term FTEs			
	Two-Year	Four-Year	Two + Four Year	Two-Year	Four-Year	Two + Four Year	FTE/ Headcount
1970-71	108,679 1	71,628	180,307	60,472 1	65,504	125,976	0.6987
1971-72	104,454 2	71,873	176,327	66,895 2	67,413	134,308	0.7617
1972-73	118,647 2	70,953	189,600	68,514 2	66,272	134,786	0.7109
1973-74	133,835 2	70,236	204,071	73,397 2	65,608	139,005	0.6812
1974-75	141,414 2	74,519	215,933	77,628 2	65,836	143,464	0.6644
1975-76	151,644 2	78,182	229,826	85,397 2	67,670	153,067	0.6660
1976-77	140,824	78,400	219,224	79,849	72,966	152,815	0.6971
1977-78	154,892	80,425	235,317	83,288	74,535	157,823	0.6707
1978-79	167,628	79,485	247,113	85,498	73,648	159,146	0.6440
1979-80	191,529	82,036	273,565	93,417	75,856	169,273	0.6188
1980-81	184,391	82,696	267,087	97,168	77,261	174,429	0.6531
1981-82	138,955	79,640	218,595	83,030	74,575	157,605	0.7210
1982-83	123,776	77,697	201,473	79,978	73,296	153,274	0.7608
1983-84	125,520	78,092	203,612	79,666	73,247	152,913	0.7510
1984-85	129,861	78,194	208,055	80,904	73,235	154,139	0.7409
1985-86	130,498	76,525	207,023	81,901	72,372	154,273	0.7452
1986-87	134,522	76,558	211,080	83,659	72,115	155,774	0.7380
1987-88	132,838	76,908	209,746	82,244	72,601	154,845	0.7383
1988-89	135,012	77,382	212,394	83,481	73,736	157,217	0.7402
1989-90	134,775	78,043	212,818	84,148	73,834	157,982	0.7423
1990-91	137,449	80,520	215,299	84,276	75,930	160,206	0.7441
1991-92	135,082 3	80,989	216,071 3	88,728 3	76,434	165,162 3	0.7644
1992-93	n.a.	82,288	n.a.	n.a.	77,800	n.a.	

1 All funding sources; state funded headcount was not available.
2 State funded and contract; state funded headcount was not available.
3 Figures include Timber Worker Displacement program.

Note: Does not include Tri-Cities University Center during 1970-71 to 1988-89.

Source: Office of Financial Management, higher education enrollment reports. (APP_A-6:2_4faenr:12/21/92)

Appendix A–7
Public Four–Year Institution Fall Term Headcount Enrollment
by Selected Age Groups, 1970 to 1992

Age	1970	1971	1972	1973	1974	1975	1976	1977
17–22	47,476	47,733	46,427	44,992	44,818	45,180	44,575	45,927
23–29	17,437	18,732	19,533	20,058	20,981	22,606	22,752	22,718
30+	6,715	6,586	7,028	7,512	8,720	10,396	11,073	11,780
Total	71,628	73,051	72,988	72,562	74,519	78,182	78,400	80,425

Age	1978	1979	1980	1981	1982	1983	1984	1985
17–22	45,366	46,879	48,108	46,995	46,195	46,326	46,002	45,245
23–29	22,184	22,673	22,238	21,320	20,282	19,706	19,271	18,632
30+	11,935	12,484	12,350	11,325	11,220	12,060	12,921	12,687
Total	79,485	82,036	82,696	79,640	77,697	78,092	78,194	76,564

Age	1986	1987	1988	1989	1990	1991	1992
17–22	44,567	44,784	45,604	46,196	47,353	47,533	47,675
23–29	18,616	18,632	18,226	17,805	18,465	18,927	20,115
30+	13,375	14,365	14,420	14,042	14,702	14,529	14,498
Total	76,558	77,781	78,250	78,043	80,520	80,989	82,288

(APPENICE92:APP_A–7:4y70_92:12/21/92)

Appendix A–8
Public Two–Year Community College Annual Average FTE Enrollment
1970 to 1991

Age	1970	1971	1972	1973	1974	1975	1976	1977
17–22	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	42,223
23–29	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	21,507
30+	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	21,936
Total	62,911	66,175	69,873	74,062	81,417	86,772	83,290	85,666

Age	1978	1979	1980	1981	1982	1983	1984	1985
17–22	42,438	39,315	42,309	39,558	37,890	36,357	34,911	34,333
23–29	22,268	24,863	27,535	22,745	21,488	21,168	21,057	20,538
30+	23,487	33,669	30,513	23,798	22,732	24,792	27,257	28,684
Total	88,193	97,847	100,357	86,101	82,110	82,317	83,225	83,555

Age	1986	1987	1988	1989	1990	1991
17–22	36,482	36,854	37,567	39,480	40,215	40,958
23–29	19,506	18,695	18,098	17,951	17,966	19,753
30+	28,418	28,755	28,727	28,465	27,834	29,076
Total	84,406	84,304	84,392	85,896	86,015	89,787

(APPENDICE92:APP_A–8:2y70_91F:12/21/92)

Appendix A–9
Two–Year Estimated and Four–Year Actual Public Institutions
Fall Term 1992 Headcount Enrollment

Age	Two–Year Public Estimated Fall 1992 Headcount Enrollment			Four–Year Public Actual Fall 1992 Headcount Enrollment		
	Male	Female	Total	Male	Female	Total
17	956	1,339	2,295	224	433	657
18	5,255	6,668	11,923	3,552	4,448	8,000
19	6,465	7,039	13,505	3,946	4,597	8,543
20	5,615	5,695	11,310	4,521	5,092	9,613
21	3,989	4,090	8,079	5,645	5,790	11,435
22	3,071	3,170	6,242	5,093	4,334	9,427
23	2,468	2,685	5,153	3,124	2,440	5,564
24	2,140	2,403	4,543	2,094	1,580	3,674
25	1,807	2,200	4,008	1,670	1,280	2,950
26	1,705	2,264	3,969	1,291	1,081	2,372
27	1,609	2,265	3,874	1,220	915	2,135
28	1,544	2,466	4,010	990	833	1,823
29	1,469	2,332	3,801	871	726	1,597
30	1,336	2,550	3,886	754	598	1,352
31	1,228	2,443	3,671	647	589	1,236
32	1,179	2,359	3,538	523	558	1,081
33	1,081	2,427	3,508	459	510	969
34	1,027	2,278	3,305	432	465	897
35–39	4,365	9,673	14,038	1,651	2,377	4,028
40–44	3,145	5,898	9,043	1,038	1,733	2,771
45–49	1,650	2,849	4,499	482	989	1,471
50–54	765	1,397	2,162	139	311	450
55–59	458	888	1,346	51	103	154
60–64	369	1,052	1,421	19	40	59
65+	1,252	3,995	5,247	16	14	30
Total	55,949	82,426	138,376	40,452	41,836	82,288

Sources: See Chapter 5 for the Two–Year Estimates.
Four–Year data is from HEER.

(APPENDICE92:APP_A–9:12/21/92)

Appendix A–10
Vocational–Technical Institutes
Year–End Headcount by Program

Academic Year	Total	Preparatory [1]	Supplemental [2]	Apprenticeship [3]
1975–76	56,584	15,693	37,849	3,042
1976–77	68,672	16,625	48,725	3,322
1977–78	82,061	15,817	62,255	3,989
1978–79	94,489	18,868	70,734	4,887
1979–80	110,164	16,585	87,271	6,308
1980–81	99,974	14,572	79,019	6,383
1981–82	80,362	13,730	61,388	5,244
1982–83	79,106	13,608	62,464	3,034
1983–84	103,025	14,158	85,578	3,289
1984–85	140,237	15,966	121,205	3,066
1985–86	135,192	16,246	115,778	3,168
1986–87	149,198	15,821	131,104	2,273
1987–88	156,454	13,991	139,594	2,869
1988–89	168,823	13,784	151,567	3,472
1989–90	189,273	13,409	171,662	4,202
1990–91 [4]	150,422	13,473	132,536	4,413

[1] Students preparing for entry level positions of employment.
[2] Students preparing for skill upgrade or retraining.
[3] Students preparing to apprentice to trade unions.
[4] Preliminary data.

Appendix A–11
Vocational–Technical Institutes
Full–Time Equivalent Enrollments

Academic Year	Total	Bates	Bellingham	Clover Park	Lk Washington	Renton
1978–79	9,567	3,176	1,144	2,714	967	1,566
1979–80	9,931	3,228	1,212	2,754	1,076	1,661
1980–81	9,960	3,233	1,218	2,760	1,082	1,667
1981–82	9,496	3,083	1,161	2,631	1,032	1,589
1982–83	9,695	3,049	1,179	2,704	1,077	1,686
1983–84	10,638	3,187	1,193	2,924	1,372	1,962
1984–85	11,255	3,256	1,250	3,046	1,587	2,116
1985–86	11,255	3,231	1,200	3,068	1,610	2,146
1986–87	11,255	3,231	1,200	3,068	1,610	2,146
1987–88	12,050	3,357	1,300	3,201	1,858	2,334
1988–89	12,814	3,484	1,359	3,393	2,013	2,565
1989–90	13,035	3,575	1,442	3,378	2,025	2,615
1990–91 [1]	14,508	3,772	1,545	3,690	2,572	2,929

[1] Preliminary data.

Sources: Superintendent of Public Instruction; State Board for Community and Technical Colleges.

(APPENDICE92:APP_A–10:12/21/92)

Appendix B

ENROLLMENT PROJECTION - SUPPORTING AND MISCELLANEOUS DATA

Appendix B-1
1992-93 Academic Calendar of Washington Four-Year Public Universities/College

Fall Term 1992

Institution	Application/Priority Deadline: 1st Time Freshman	Application/Priority Deadline: Transfer Student	Application/Priority Deadline: Graduate Student	Class Schedule: Class Begins	Class Schedule: 10th Day [1]	Class Schedule: Last Day	Final Exam Date: Begin	Final Exam Date: End
UW: Seattle	02-01-92	07-01-92	Varies	09-30-92	10-09-92	12-11-92	12-14-92	12-18-92
UW: Evening Pro.	n.a.	08-28-92	n.a.	09-30-92	10-09-92	12-11-92	12-14-92	12-18-92
UW: Bothell	n.a.	09-01-92	n.a.	09-30-92	10-09-92	12-11-92	12-14-92	12-18-92
UW: Tacoma	n.a.	08-25-92	n.a.	09-30-92	10-09-92	12-11-92	12-14-92	12-18-92
WSU: Pullman-S	05-01-92	05-01-92	Varies	08-24-92	09-04-92	12-11-92	12-12-92	12-18-92
WSU: SCHRA [2]	n.a.	Open	n.a.	09-23-92	10-06-92	12-04-92	12-07-92	12-10-92
WSU: Spokane-S	n.a.	n.a.	Varies	08-24-92	09-04-92	12-11-92	12-12-92	12-18-92
WSU: SW Wash.-S	n.a.	Open	Varies	08-24-92	09-04-92	12-11-92	12-12-92	12-18-92
WSU: Tri-Cities-S	n.a.	Open	Varies	08-24-92	09-04-92	12-11-92	12-12-92	12-18-92
CWU: Ellensburg	07-17-92	07-17-92	07-17-92	09-23-92	10-06-92	12-04-92	12-07-92	12-11-92
CWU: Yakima	n.a.	07-17-92	07-17-92	09-23-92	10-06-92	12-04-92	12-07-92	12-11-92
EWU	02-01-92	04-01-92	07-01-92	09-21-92	10-02-92	12-04-92	12-07-92	12-10-92
TESC	03-01-92	03-01-92	Open	09-21-92	10-02-92	12-12-92	n.a.	12-12-92
WWU	03-01-92	04-01-92	06-01-92	09-24-92	09-30-92	12-04-92	12-07-92	12-11-92

Winter Quarter 1993

	Application/Priority Deadline: 1st Time Freshman	Application/Priority Deadline: Transfer Student	Application/Priority Deadline: Graduate Student	Class Schedule: Class Begin	Class Schedule: 10th Day [1]	Class Schedule: Last Day	Final Exam Date: Begin	Final Exam Date: End
UW: Seattle	11-01-92	11-01-92	11-01-92	01-04-93	01-15-93	03-12-93	03-15-93	03-19-93
UW: Evening Pro.	n.a.	11-15-92	n.a.	01-04-93	01-15-93	03-12-93	03-15-93	03-19-93
UW: Bothell	n.a.	12-01-92	n.a.	01-04-93	01-15-93	03-12-93	03-15-93	03-19-93
UW: Tacoma	n.a.	12-07-92	n.a.	01-04-93	01-15-93	03-12-93	03-15-93	03-19-93
WSU: SCHRA [2]	n.a.	Open	n.a.	01-04-93	01-15-93	03-12-93	03-15-93	03-18-93
CWU: Ellensburg	10-13-92	10-13-92	10-13-92	01-05-93	01-18-93	03-12-93	03-15-93	03-19-93
CWU: Yakima	n.a.	10-13-92	10-13-92	01-05-93	01-18-93	03-12-93	03-15-93	03-19-93
EWU	10-15-92	10-15-92	10-15-92	01-04-93	01-15-93	03-12-93	03-15-93	03-18-93
TESC	Close	10-01-92	Open	01-04-93	01-15-93	03-20-93	n.a.	03-20-93
WWU	10-15-92	10-15-92	11-01-92	01-05-93	01-11-93	03-12-93	03-15-93	03-19-93

n.a. - Not Applicable.

[1] Or the day (within the 10th day of class) that an official enrollment report (HEER) is based on.
[2] Seattle Center for Hotel and Restaurant Administration.

Note: All institutions academic calendars are a quarter system except where an "S" indicates a semester system.

(APPENDICE92:APP_B-1:12/21/92,BOOK92:aca9293x:12/8/92)

Appendix B-1 (continued)
1992-93 Academic Calendar of Washington Four-Year Public Universities/College

Spring Term 1993

Institution	Application/Priority Deadline: 1st Time Freshman	Application/Priority Deadline: Transfer Student	Application/Priority Deadline: Graduate Student	Class Schedule: Classes Begin	Class Schedule: 10th Day [1]	Class Schedule: Last Day	Final Exam Date: Begin	Final Exam Date: End
UW: Seattle	02-01-93	02-01-93	02-01-93	03-29-93	04-09-93	06-04-93	06-07-93	06-11-93
UW: Evening Pro.	n.a.	02-15-93	n.a.	03-29-93	04-09-93	06-04-93	06-07-93	06-11-93
UW: Bothell	n.a.	03-01-93	n.a.	03-29-93	04-09-93	06-04-93	06-07-93	06-11-93
UW: Tacoma	n.a.	Not Avail.	n.a.	03-29-93	04-09-93	06-04-93	06-07-93	06-11-93
WSU: Pullman-S	12-01-92	12-01-92	Varies	01-11-93	01-25-93	04-30-93	05-01-93	05-07-93
WSU: SCHRA [2]	n.a.	Open	n.a.	03-29-93	04-09-93	06-07-93	06-08-93	06-11-93
WSU: Spokane-S	n.a.	n.a.	Varies	01-11-93	01-25-93	04-30-93	05-01-93	05-07-93
WSU: SW Wash.-S	n.a.	Open	Varies	01-11-93	01-25-93	04-30-93	05-01-93	05-07-93
WSU: Tricities-S	n.a.	Open	Varies	01-11-93	01-25-93	04-30-93	05-01-93	05-07-93
CWU: Ellensburg	01-04-93	01-04-93	01-04-93	03-30-93	04-12-93	06-04-93	06-07-93	06-11-93
CWU: Yakima	n.a.	01-04-93	01-04-93	03-30-93	04-12-93	06-04-93	06-07-93	06-11-93
EWU	02-01-93	02-01-93	02-01-93	03-29-93	04-09-93	06-04-93	06-07-93	06-10-93
TESC	Closed	12-01-92	Open	03-29-93	04-09-93	06-21-93	n.a.	06-21-93
WWU	01-15-93	01-15-93	02-01-93	03-30-93	04-05-93	06-04-93	06-07-93	06-11-93

Summer Session 1993

Institution	Date of Early Session: Begin	Date of Early Session: End	Date of Regular Session: Begin	Date of Regular Session: End	Date of Late Session: Begin	Date of Late Session: End
UW: Seattle	06-21-93	07-21-93	06-21-93	08-20-93	07-22-93	08-20-93
UW: Evening Pro.	06-21-93	07-21-93	06-21-93	08-20-93	07-22-93	08-20-93
UW: Bothell	06-21-93	07-21-93	06-21-93	08-20-93	07-22-93	08-20-93
UW: Tacoma	06-21-93	07-21-93	06-21-93	08-20-93	07-22-93	08-20-93
WSU: Pullman	05-10-93	06-18-93	06-07-93	07-30-93	06-21-93	07-30-93
WSU: SCHRA [2]	n.a.	n.a.	06-21-93	08-05-93	n.a.	n.a.
WSU: Spokane	05-10-93	06-18-93	06-07-93	07-30-93	06-21-93	07-30-93
WSU: SW Wash.	05-10-93	06-18-93	06-07-93	07-30-93	06-21-93	07-30-93
WSU: Tricities	05-10-93	06-18-93	06-07-93	07-30-93	06-21-93	07-30-93
CWU: Ellensburg	06-21-93	07-21-93	06-21-93	08-20-93	07-22-93	08-20-93
CWU: Yakima	06-21-93	07-21-93	06-21-93	08-20-93	07-22-93	08-20-93
EWU	06-21-93	07-16-93	06-21-93	08-13-93	07-19-93	08-03-93
TESC	n.a.	n.a.	06-21-93	08-28-93	n.a.	n.a.
WWU	06-21-93	07-30-93	06-21-93	08-20-93	n.a.	n.a.

n.a. - Not Applicable.

[1] Or the day (within the first 10 days of class) that an official enrollmrnt report (HEER) is based on.
[2] Seattle Center for Hotel and Restaurant Administration.

Note: All insitution academic calendars are in a quarter system except where indicated "S" for a semester system.

Source: Survey of the Institutional Academic Calendar. (APPENDIVE92:APP_B-1A:12/21/92,BOOK92:aca9293y:12/8/92)

Appendix B–2
OFM 1970 to 2020 Population Forecasts

Year	Age Group 17–22	23–29	30–44	45+	0+	17+
1970	386,228	346,787	568,187	1,019,428	3,417,244	2,322,630
1971	385,513	367,221	566,510	1,032,364	3,436,300	2,351,608
1972	389,256	377,327	559,678	1,041,520	3,430,300	2,367,781
1973	393,923	389,485	569,069	1,052,300	3,444,300	2,404,777
1974	405,368	409,475	591,456	1,070,027	3,508,700	2,476,326
1975	416,100	430,775	610,345	1,087,834	3,567,900	2,545,054
1976	422,771	458,592	631,070	1,105,407	3,634,900	2,617,840
1977	433,584	472,869	671,033	1,124,653	3,714,500	2,702,139
1978	445,725	495,505	722,157	1,149,060	3,836,200	2,812,447
1979	456,713	524,045	779,238	1,176,898	3,979,200	2,936,894
1980	467,078	551,549	841,859	1,206,606	4,132,156	3,067,092
1981	466,341	568,495	889,972	1,226,720	4,229,278	3,151,528
1982	456,307	574,071	925,672	1,240,914	4,276,549	3,196,964
1983	438,205	566,470	962,061	1,259,082	4,307,247	3,225,818
1984	422,619	567,634	999,981	1,275,231	4,354,067	3,265,465
1985	413,565	565,430	1,041,188	1,294,534	4,415,785	3,314,717
1986	405,270	559,736	1,076,701	1,314,145	4,462,212	3,355,852
1987	403,788	556,577	1,115,468	1,337,577	4,527,098	3,413,410
1988	408,534	554,537	1,152,895	1,371,461	4,816,886	3,487,427
1989	411,322	552,486	1,193,913	1,409,812	4,728,077	3,567,533
1990	412,620	552,925	1,243,977	1,452,081	4,866,692	3,661,603
1991	414,710	546,517	1,296,767	1,492,580	5,000,400	3,750,574
1992	412,828	547,820	1,320,144	1,548,338	5,116,700	3,829,130
1993	408,922	548,939	1,347,433	1,604,410	5,233,443	3,909,704
1994	406,007	552,788	1,375,212	1,658,630	5,350,293	3,992,637
1995	414,905	548,986	1,398,035	1,715,632	5,467,043	4,077,558
1996	425,606	544,140	1,405,522	1,774,019	5,560,504	4,149,287
1997	441,669	537,157	1,408,221	1,824,042	5,630,192	4,211,089
1998	458,647	532,487	1,400,034	1,883,536	5,698,418	4,274,704
1999	470,744	525,324	1,395,314	1,942,191	5,764,701	4,333,573
2000	484,772	517,050	1,389,023	2,005,043	5,830,092	4,395,888
2001	496,550	510,294	1,381,258	2,069,768	5,895,849	4,457,870
2002	507,556	517,274	1,364,326	2,132,061	5,961,647	4,521,217
2003	514,335	532,379	1,343,369	2,196,093	6,027,642	4,586,176
2004	516,327	552,063	1,322,437	2,257,895	6,093,862	4,648,722
2005	523,544	566,334	1,301,111	2,321,415	6,160,339	4,712,404
2006	528,950	583,486	1,277,232	2,388,307	6,227,071	4,777,975
2007	538,511	597,882	1,264,723	2,445,109	6,293,641	4,846,225
2008	546,425	611,913	1,250,419	2,504,741	6,360,109	4,913,498
2009	551,980	625,339	1,241,164	2,561,038	6,426,736	4,979,521
2010	557,674	630,102	1,241,602	2,613,309	6,493,491	5,042,687
2011	560,659	633,587	1,250,293	2,659,512	6,560,636	5,104,051
2012	560,209	643,442	1,258,842	2,701,217	6,628,182	5,163,710
2013	555,390	652,752	1,272,641	2,741,369	6,696,211	5,222,152
2014	550,111	662,725	1,282,195	2,784,453	6,764,498	5,279,484
2015	544,724	670,619	1,290,229	2,829,989	6,832,844	5,335,561
2016	540,932	674,442	1,299,949	2,875,074	6,900,995	5,390,397
2017	538,029	679,392	1,319,474	2,907,312	6,969,009	5,444,207
2018	536,078	681,633	1,342,718	2,936,692	7,036,777	5,497,121
2019	534,956	680,708	1,370,436	2,963,210	7,104,039	5,549,310
2020	534,753	675,362	1,400,248	2,990,634	7,170,607	5,600,997

Source: OFM Forecasting Division, Prepared 10–28–92. (APPENDICE92:APP_B–2:12/21/92;book92:po7020gr:12/18/92)

Appendix B–3
OFM Population Forecast by Single Year of Age and Sex
1990 to 2020

Age	1990 Male	1990 Female	1991 Male	1991 Female	1992 Male	1992 Female	1993 Male	1993 Female	1994 Male	1994 Female	1995 Male	1995 Female	1996 Male
17	31,958	30,561	32,337	29,866	33,420	31,241	34,519	32,208	36,018	33,582	37,164	35,104	38,761
18	32,864	31,305	32,696	31,137	32,916	30,305	34,027	31,706	35,139	32,683	36,656	34,070	37,606
19	37,816	36,054	33,647	31,922	33,300	31,617	33,533	30,778	34,658	32,196	35,782	33,181	37,105
20	37,866	35,633	38,722	36,774	34,273	32,420	33,927	32,116	34,158	31,258	35,296	32,692	36,224
21	36,916	33,886	38,788	36,363	39,454	37,363	34,930	32,946	34,570	32,631	34,797	31,753	35,741
22	34,929	32,832	37,845	34,613	39,545	36,974	40,234	37,998	35,614	33,500	35,237	33,173	35,248
23	35,255	33,281	35,873	33,619	38,639	35,263	40,385	37,677	41,080	38,713	36,353	34,122	35,728
24	36,863	35,069	36,266	34,205	36,675	34,351	39,513	36,040	41,286	38,499	41,988	39,545	36,895
25	39,435	37,470	37,941	36,193	37,092	35,064	37,521	35,224	40,415	36,947	42,217	39,455	42,628
26	40,888	39,506	40,569	38,813	38,790	37,211	37,932	36,063	38,363	36,217	41,310	37,974	42,848
27	42,443	41,057	42,016	40,998	41,439	39,963	39,633	38,327	38,748	37,134	39,177	37,278	41,902
28	41,255	40,095	43,529	42,642	42,850	42,239	42,272	41,188	40,422	39,490	39,509	38,245	39,693
29	45,364	44,944	42,226	41,627	44,324	43,920	43,643	43,521	43,047	42,425	41,153	40,660	39,988
30	44,278	43,648	46,322	46,589	42,915	42,821	45,057	45,196	44,358	44,772	43,743	43,628	41,596
31	43,660	43,182	45,121	45,155	47,001	47,850	43,553	43,994	45,720	46,422	45,001	45,971	44,161
32	44,804	44,458	44,434	44,597	45,735	46,314	47,650	49,094	44,148	45,125	46,337	47,600	45,399
33	44,013	44,131	45,557	45,864	45,006	45,702	46,332	47,475	48,266	50,312	44,712	46,229	46,724
34	45,590	45,298	44,793	45,420	46,178	46,913	45,628	46,759	46,965	48,562	48,917	51,448	45,109
35	44,961	44,871	46,507	46,392	45,486	46,277	46,902	47,809	46,337	47,642	47,684	49,467	49,409
36	42,995	43,455	45,978	45,718	47,317	47,075	46,288	46,966	47,721	48,513	47,136	48,335	48,225
37	43,782	43,799	43,997	44,110	46,803	46,254	48,177	47,634	47,121	47,517	48,568	49,075	47,687
38	39,651	39,255	44,738	44,395	44,734	44,576	47,598	46,748	48,987	48,137	47,903	48,012	49,094
39	42,089	41,808	40,449	39,743	45,431	44,822	45,435	45,009	48,335	47,197	49,736	48,593	48,381
40	39,912	39,659	42,757	42,275	40,938	40,085	45,987	45,212	45,987	45,396	48,914	47,597	50,118
41	38,627	38,447	40,332	40,045	43,091	42,590	41,262	40,387	46,348	45,549	46,344	45,729	49,142
42	39,484	39,477	38,849	38,752	40,494	40,285	43,267	42,848	41,429	40,629	46,533	45,818	46,438
43	39,333	38,859	39,612	39,736	38,927	38,942	40,578	40,485	43,356	43,058	41,513	40,825	46,563
44	30,415	30,036	39,423	39,107	39,660	39,922	38,976	39,127	40,628	40,675	43,410	43,257	41,513
45	30,603	30,546	30,554	30,289	39,540	39,352	39,781	40,174	39,093	39,372	40,749	40,926	43,461
46	30,617	30,118	30,861	30,872	30,739	30,531	39,783	39,670	40,023	40,496	39,327	39,682	40,883
47	30,648	29,884	30,961	30,474	31,113	31,146	30,995	30,805	40,111	40,022	40,348	40,851	39,510
48	25,495	24,447	30,984	30,212	31,205	30,723	31,363	31,404	31,241	31,057	40,425	40,344	40,522
49	25,929	25,037	25,742	24,672	31,196	30,414	31,423	30,931	31,580	31,614	31,454	31,261	40,569
50	23,734	23,103	26,138	25,222	25,884	24,801	31,370	30,576	31,597	31,093	31,753	31,777	31,532
51	22,680	22,325	23,883	23,235	26,242	25,320	25,990	24,898	31,497	30,694	31,723	31,212	31,795
52	21,728	21,260	22,788	22,424	23,946	23,298	26,315	25,390	26,061	24,966	31,582	30,776	31,731
53	20,683	20,366	21,807	21,338	22,825	22,470	23,988	23,347	26,360	25,444	26,106	25,017	31,566
54	20,258	20,244	20,739	20,452	21,826	21,393	22,848	22,528	24,012	23,407	26,386	25,507	26,076
55	19,811	19,995	20,290	20,345	20,736	20,514	21,823	21,458	22,846	22,596	24,009	23,477	26,329
56	18,691	19,102	19,817	20,113	20,260	20,418	20,707	20,588	21,793	21,534	22,815	22,675	23,928
57	18,708	19,088	18,689	19,224	19,780	20,190	20,224	20,497	20,671	20,667	21,756	21,615	22,728
58	17,907	18,664	18,692	19,202	18,639	19,289	19,731	20,259	20,173	20,566	20,618	20,735	21,655
59	19,566	20,063	17,871	18,754	18,623	19,249	18,572	19,337	19,660	20,308	20,101	20,615	20,503
60	18,740	19,623	19,500	20,124	17,782	18,772	18,532	19,267	18,482	19,355	19,566	20,326	19,966
61	18,053	19,645	18,627	19,638	19,355	20,104	17,650	18,752	18,396	19,247	18,348	19,334	19,390
62	18,185	19,567	17,912	19,617	18,457	19,579	19,180	20,043	17,493	18,695	18,234	19,189	18,156
63	17,582	19,953	18,012	19,510	17,720	19,530	18,260	19,491	18,978	19,954	17,311	18,612	18,018
64	17,751	20,277	17,394	19,885	17,796	19,416	17,510	19,434	18,046	19,396	18,758	19,857	17,082
65+	240,484	330,921	246,511	339,206	251,702	346,463	256,882	352,634	261,518	358,516	266,427	364,048	271,469
17+	1,795,299	1,866,304	1,839,096	1,911,478	1,877,799	1,951,331	1,917,686	1,992,018	1,958,857	2,033,780	2,000,886	2,076,672	2,036,795
17+ m/f		3,661,603		3,750,574		3,829,130		3,909,704		3,992,637		4,077,558	

Source: OFM Forcasting Division, Prepared: 10–28–92. (APPENDICE92 APP_B–3 12/21/92 AGE pop90_20 12/18/92)

Appendix B–3 (continued)
OFM Population Forecast by Single Year of Age and Sex
1990 to 2020

Age	1996 Female	1997 Male	1997 Female	1998 Male	1998 Female	1999 Male	1999 Female	2000 Male	2000 Female	2001 Male	2001 Female	2002 Male	2002 Female
17	36,354	42,118	39,083	43,435	40,526	41,464	39,029	43,387	41,209	43,372	40,804	44,043	41,821
18	35,452	39,004	36,552	42,375	39,291	43,689	40,733	41,705	39,227	43,648	41,424	43,636	41,018
19	34,425	37,848	35,656	39,249	36,757	42,630	39,503	43,950	40,951	41,963	39,443	43,921	41,654
20	33,531	37,347	34,625	38,089	35,859	39,488	36,957	42,689	39,717	44,226	41,179	42,229	39,664
21	33,045	36,466	33,731	37,591	34,827	38,327	36,060	39,733	37,162	43,164	39,945	44,513	41,417
22	32,114	35,984	33,255	36,708	33,940	37,830	35,034	38,569	36,273	39,994	37,388	43,450	40,190
23	33,595	35,506	32,342	36,242	33,486	36,959	34,166	38,087	35,266	38,841	36,520	40,278	37,645
24	34,625	36,014	33,871	35,784	32,602	36,512	33,745	37,233	34,428	38,380	35,544	39,142	36,811
25	40,219	37,198	34,955	36,302	34,187	36,059	32,894	36,791	34,044	37,526	34,743	38,666	35,872
26	40,210	42,970	40,653	37,490	35,324	36,575	34,534	36,328	33,225	37,075	34,397	37,818	35,106
27	38,739	43,176	40,665	43,292	41,104	37,759	35,701	36,835	34,899	36,596	33,587	37,350	34,774
28	38,046	42,193	39,187	43,469	41,125	43,573	41,551	38,003	36,086	37,081	35,286	36,843	33,962
29	39,024	39,946	38,481	42,455	39,625	43,728	41,568	43,831	41,994	38,236	36,482	37,311	35,676
30	41,453	40,210	39,451	40,162	38,893	42,675	40,033	43,953	41,992	44,066	42,435	38,443	36,868
31	44,431	41,794	41,880	40,397	39,849	40,340	39,270	42,863	40,418	44,155	42,408	44,271	42,858
32	46,771	44,354	44,862	41,972	42,277	40,561	40,213	40,503	39,625	43,044	40,795	44,344	42,807
33	48,398	45,585	47,206	44,532	45,270	42,132	42,646	40,715	40,562	40,663	39,979	43,217	41,163
34	46,942	46,929	48,810	45,781	47,600	44,714	45,632	42,303	42,984	40,888	40,894	40,837	40,309
35	52,100	45,334	47,267	47,157	49,140	45,993	47,909	44,920	45,926	42,506	43,270	41,087	41,168
36	49,953	49,690	52,374	45,585	47,510	47,406	49,382	46,234	48,142	45,166	46,158	42,741	43,490
37	48,710	48,506	50,158	49,973	52,586	45,833	47,693	47,661	49,570	46,493	48,333	45,423	46,342
38	49,417	47,938	48,888	48,755	50,337	50,217	52,765	46,055	47,853	47,902	49,743	46,732	48,503
39	48,314	49,333	49,575	48,165	49,041	48,974	50,487	50,442	52,921	46,271	48,000	48,130	49,897
40	48,864	48,552	48,447	49,503	49,708	48,322	49,167	49,133	50,615	50,614	53,061	46,431	48,128
41	47,823	50,202	48,973	48,631	48,552	49,577	49,810	48,394	49,267	49,214	50,723	50,700	53,176
42	45,899	49,148	47,900	50,207	49,049	48,632	48,623	49,578	49,882	48,400	49,343	49,222	50,803
43	45,953	46,405	45,950	49,113	47,951	50,170	49,098	48,596	48,671	49,545	49,935	48,370	49,397
44	40,935	46,508	45,992	46,351	45,987	49,054	47,986	50,111	49,134	48,543	48,711	49,492	49,977
45	43,417	41,489	40,989	46,479	46,051	46,320	46,041	49,022	48,042	50,082	49,196	48,518	48,774
46	41,126	43,491	43,503	41,515	41,067	46,504	46,133	46,345	46,122	49,055	48,133	50,118	49,290
47	39,897	40,937	41,217	43,546	43,596	41,562	41,149	46,557	46,225	46,405	46,219	49,121	48,237
48	41,052	39,546	39,972	40,972	41,290	43,579	43,668	41,593	41,217	46,599	46,307	46,450	46,302
49	40,496	40,539	41,095	39,560	40,012	40,983	41,326	43,591	43,706	41,611	41,258	46,621	46,355
50	31,346	40,553	40,511	40,522	41,110	39,539	40,023	40,962	41,336	43,575	43,721	41,599	41,275
51	31,832	31,494	31,337	40,502	40,499	40,469	41,095	39,488	40,009	40,915	41,325	43,528	43,711
52	31,237	31,729	31,799	31,428	31,303	40,416	40,454	40,384	41,050	39,410	39,969	40,837	41,284
53	30,784	31,646	31,191	31,644	31,752	31,343	31,255	40,307	40,392	40,281	40,990	39,312	39,913
54	25,031	31,467	30,744	31,546	31,150	31,543	31,708	31,245	31,212	40,186	40,341	40,164	40,939
55	25,524	25,968	24,993	31,337	30,697	31,415	31,100	31,413	31,656	31,121	31,165	40,030	40,283
56	23,496	26,188	25,478	25,829	24,947	31,169	30,638	31,250	31,042	31,252	31,600	30,965	31,112
57	22,693	23,788	23,449	26,036	25,426	25,679	24,894	30,991	30,573	31,076	30,981	31,082	31,540
58	21,623	22,577	22,636	23,632	23,389	25,864	25,359	25,512	24,829	30,795	30,498	30,883	30,907
59	20,726	21,491	21,558	22,409	22,566	23,455	23,317	25,673	25,282	25,328	24,757	30,577	30,411
60	20,583	20,327	20,647	21,309	21,474	22,219	22,479	23,258	23,225	25,463	25,186	25,124	24,665
61	20,262	19,753	20,476	20,111	20,541	21,084	21,362	21,988	22,363	23,021	23,108	25,207	25,061
62	19,238	19,157	20,125	19,518	20,338	19,873	20,403	20,636	21,219	21,736	22,216	22,760	22,958
63	19,070	17,915	19,085	18,905	19,966	19,263	20,177	19,617	20,243	20,573	21,056	21,464	22,048
64	18,489	17,753	18,913	17,653	18,929	18,631	19,802	18,988	20,013	19,340	20,082	20,287	20,890
65+	369,226	274,282	372,234	277,561	375,417	280,541	378,357	284,310	381,954	288,257	385,579	292,386	389,073
17+	2,112,492	2,068,348	2,142,741	2,100,779	2,173,925	2,130,644	2,202,929	2,162,135	2,233,753	2,193,653	2,264,217	2,225,693	2,295,524
17+ m/f	4,149,287		4,211,089		4,274,704		4,333,573		4,395,888		4,457,870		4,521,217

Source: OFM Forcasting Division, Prepared: 10–28–92 (APPENDICE92:APP_B–3:12/21/92:AGE:pop90_20:12/18/92)

Appendix B–3 (continued)
OFM Population Forecast by Single Year of Age and Sex
1990 to 2020

Age	2003 Male	2003 Female	2004 Male	2004 Female	2005 Male	2005 Female	2006 Male	2006 Female	2007 Male	2007 Female	2008 Male	2008 Female	2009 Male
17	45,032	42,821	44,152	41,735	45,057	42,469	46,255	43,702	48,194	45,497	48,197	45,590	48,020
18	44,313	42,042	45,307	43,047	44,422	41,955	45,331	42,691	46,532	43,928	48,476	45,727	48,475
19	43,910	41,247	44,592	42,276	45,592	43,287	44,700	42,188	45,610	42,923	46,812	44,163	48,763
20	44,201	41,889	44,190	41,480	44,876	42,513	45,882	43,529	44,979	42,421	45,888	43,154	47,094
21	42,504	39,894	44,489	42,132	44,478	41,719	45,168	42,757	46,175	43,776	45,260	42,656	46,170
22	44,810	41,672	42,787	40,140	44,785	42,391	44,773	41,974	45,462	43,014	46,469	44,033	45,544
23	43,761	40,467	45,131	41,959	43,093	40,416	45,104	42,681	45,087	42,257	45,773	43,297	46,783
24	40,592	37,945	44,102	40,790	45,482	42,292	43,427	40,735	45,447	43,013	45,424	42,580	46,109
25	39,455	37,151	40,917	38,296	44,455	41,167	45,844	42,680	43,766	41,103	45,795	43,394	45,767
26	38,989	36,247	39,764	37,539	41,237	38,696	44,801	41,594	46,195	43,116	44,093	41,515	46,133
27	38,101	35,492	39,280	36,645	40,061	37,950	41,544	39,118	45,128	42,040	46,525	43,570	44,404
28	37,604	35,164	38,359	35,889	39,546	37,055	40,332	38,372	41,820	39,546	45,421	42,491	46,823
29	37,072	34,339	37,839	35,553	38,598	36,286	39,791	37,463	40,577	38,787	42,069	39,966	45,688
30	37,514	36,055	37,274	34,703	38,045	35,930	38,807	36,668	40,002	37,851	40,788	39,181	42,285
31	38,623	37,237	37,690	36,416	37,449	35,049	38,223	36,287	38,985	37,026	40,181	38,213	40,967
32	44,461	43,262	38,789	37,588	37,852	36,758	37,609	35,376	38,383	36,621	39,146	37,359	40,344
33	44,523	43,194	44,641	43,652	38,946	37,926	38,005	37,087	37,757	35,688	38,531	36,937	39,294
34	43,403	41,503	44,716	43,551	44,835	44,012	39,115	38,237	38,166	37,387	37,913	35,971	38,688
35	41,037	40,580	43,616	41,782	44,936	43,843	45,055	44,306	39,302	38,489	38,345	37,628	38,088
36	41,317	41,378	41,266	40,787	43,860	41,995	45,186	44,065	45,301	44,527	39,511	38,676	38,546
37	42,986	43,665	41,554	41,545	41,503	40,951	44,110	42,162	45,439	44,238	45,549	44,698	39,724
38	45,658	46,506	43,209	43,820	41,770	41,693	41,718	41,095	44,334	42,307	45,664	44,388	45,771
39	46,956	48,654	45,878	46,651	43,416	43,956	41,970	41,821	41,914	41,219	44,538	42,432	45,869
40	48,298	50,032	47,121	48,785	46,040	46,776	43,568	44,074	42,114	41,931	42,054	41,325	44,685
41	46,511	48,234	48,382	50,142	47,204	48,892	46,121	46,878	43,642	44,168	42,183	42,018	42,121
42	50,710	53,261	46,521	48,311	48,393	50,222	47,216	48,970	46,130	46,950	43,649	44,234	42,190
43	49,193	50,859	50,681	53,320	46,496	48,365	48,367	50,278	47,190	49,023	46,104	46,998	43,624
44	48,320	49,439	49,143	50,903	50,631	53,367	46,451	48,407	48,319	50,320	47,143	49,062	46,058
45	49,468	50,043	48,298	49,505	49,122	50,971	50,611	53,438	46,430	48,469	48,297	50,382	47,120
46	48,555	48,869	49,507	50,141	48,336	49,602	49,162	51,070	50,650	53,539	46,463	48,558	48,330
47	50,187	49,397	48,624	48,976	49,578	50,251	48,405	49,710	49,230	51,178	50,717	53,649	46,522
48	49,171	48,326	50,240	49,488	48,677	49,067	49,632	50,344	48,455	49,799	49,277	51,266	50,764
49	46,475	46,351	49,199	48,378	50,270	49,542	48,707	49,119	49,660	50,396	48,479	49,847	49,300
50	46,610	46,374	46,466	46,371	49,191	48,399	50,263	49,564	48,698	49,139	49,648	50,414	48,466
51	41,557	41,267	46,564	46,365	46,423	46,363	49,146	48,391	50,215	49,554	48,650	49,127	49,597
52	43,449	43,669	41,483	41,228	46,484	46,322	46,344	46,321	49,061	48,346	50,126	49,506	48,562
53	40,739	41,228	43,347	43,610	41,388	41,173	46,379	46,261	46,238	46,259	48,947	48,280	50,006
54	39,200	39,865	40,625	41,180	43,228	43,559	41,276	41,126	46,252	46,206	46,111	46,203	48,811
55	40,012	40,882	39,054	39,810	40,476	41,124	43,072	43,500	41,126	41,069	46,083	46,140	45,942
56	39,833	40,216	39,819	40,816	38,868	39,746	40,286	41,058	42,869	43,429	40,931	41,000	45,864
57	30,799	31,054	39,623	40,143	39,612	40,743	38,669	39,675	40,079	40,983	42,648	43,348	40,719
58	30,892	31,467	30,613	30,983	39,387	40,052	39,380	40,651	38,441	39,584	39,842	40,888	42,397
59	30,668	30,821	30,680	31,361	30,406	30,899	39,124	39,945	39,117	40,541	38,183	39,475	39,575
60	30,334	30,300	30,429	30,709	30,443	31,269	30,174	30,789	38,826	39,802	38,819	40,394	37,892
61	24,874	24,544	30,037	30,153	30,135	30,562	30,152	31,120	29,886	30,641	38,455	39,611	38,449
62	24,925	24,900	24,600	24,388	29,710	29,964	29,811	30,371	29,828	30,925	29,565	30,449	38,043
63	22,478	22,786	24,621	24,714	24,303	24,208	29,356	29,744	29,456	30,148	29,473	30,698	29,214
64	21,170	21,875	22,174	22,609	24,292	24,524	23,982	24,023	28,969	29,517	29,067	29,918	29,085
65+	297,296	393,167	302,911	398,033	309,336	403,410	317,673	410,483	325,357	416,742	337,625	428,182	349,622
17+	2,258,546	2,327,630	2,290,304	2,358,418	2,322,723	2,389,681	2,356,077	2,421,898	2,390,793	2,455,432	2,424,907	2,488,591	2,458,309
17+ m/f		4,586,176		4,648,722		4,712,404		4,777,975		4,846,225		4,913,498	

Source: OFM Forcasting Division, Prepared: 10–28–92. (APPENDICE92:APP_B–3:12/21/92;AGE:pop90_20:12/18/92)

Appendix B–3 (continued)
OFM Population Forecast by Single Year of Age and Sex
1990 to 2020

Age	2009 Female	2010 Male	2010 Female	2011 Male	2011 Female	2012 Male	2012 Female	2013 Male	2013 Female	2014 Male	2014 Female	2015 Male	2015 Female
17	45,437	47,019	44,514	46,446	43,997	45,932	43,540	45,650	43,280	45,471	43,115	45,254	42,909
18	45,817	48,293	45,661	47,287	44,733	46,711	44,214	46,195	43,756	45,912	43,494	45,732	43,328
19	45,968	48,759	46,055	48,576	45,898	47,564	44,966	46,936	44,445	46,468	43,985	46,184	43,721
20	44,398	49,052	46,209	49,049	46,297	48,865	46,139	47,848	45,204	47,267	44,680	46,746	44,218
21	43,390	47,380	44,637	49,350	46,459	49,348	46,548	49,164	46,390	48,140	45,450	47,556	44,923
22	42,904	46,456	43,639	47,674	44,893	49,656	46,726	49,656	46,816	49,471	46,658	48,441	45,712
23	44,320	45,847	43,180	46,766	43,919	47,993	45,182	49,989	47,028	49,989	47,119	49,804	46,960
24	43,623	47,123	44,650	46,180	43,501	47,106	44,246	48,344	45,520	50,355	47,381	50,355	47,472
25	42,952	46,453	44,000	47,475	45,035	46,525	43,877	47,460	44,631	48,707	45,915	50,733	47,792
26	43,823	46,101	43,371	46,792	44,430	47,822	45,476	46,867	44,308	47,809	45,070	49,065	46,366
27	41,946	46,453	44,273	46,422	43,816	47,118	44,887	48,157	45,945	47,195	44,765	48,144	45,536
28	44,032	44,684	42,385	46,747	44,737	46,716	44,275	47,418	45,360	48,464	46,429	47,495	45,237
29	42,936	47,094	44,488	44,943	42,824	47,018	45,201	46,989	44,736	47,695	45,832	48,747	46,913
30	40,367	45,618	43,361	47,333	44,929	45,170	43,249	47,258	45,652	47,228	45,182	47,939	46,289
31	39,551	42,463	40,744	46,118	43,766	47,539	45,349	45,368	43,655	47,466	46,081	47,435	45,606
32	38,553	41,130	39,898	42,638	41,103	46,303	44,151	47,730	45,750	45,551	44,041	47,658	46,488
33	37,678	40,495	38,878	41,284	40,234	42,798	41,450	46,478	44,525	47,910	46,138	45,724	44,414
34	37,226	39,452	37,968	40,657	39,178	41,450	40,545	42,971	41,772	46,666	44,871	48,104	46,496
35	36,199	38,863	37,460	39,631	38,205	40,843	39,424	41,640	40,801	43,168	42,035	46,881	45,155
36	37,809	38,285	36,370	39,064	37,638	39,837	38,387	41,056	39,612	41,858	40,996	43,394	42,236
37	38,822	38,751	37,950	38,489	36,506	39,272	37,780	40,050	38,531	41,276	39,761	42,083	41,150
38	44,847	39,914	38,949	38,938	38,075	38,674	36,626	39,462	37,905	40,245	38,659	41,477	39,893
39	44,517	45,975	44,976	40,092	39,061	39,112	38,184	38,848	36,733	39,640	38,015	40,427	38,771
40	42,539	46,018	44,627	46,124	45,088	40,223	39,158	39,241	38,280	38,975	36,826	39,770	38,111
41	41,409	44,755	42,625	46,090	44,717	46,196	45,179	40,287	39,238	39,304	38,358	39,038	36,900
42	42,080	42,126	41,469	44,761	42,687	46,097	44,781	46,203	45,245	40,293	39,296	39,311	38,415
43	44,279	42,164	42,122	42,101	41,511	44,735	42,729	46,071	44,827	46,177	45,291	40,270	39,336
44	47,034	43,579	44,312	42,121	42,154	42,059	41,542	44,691	42,761	46,026	44,862	46,132	45,326
45	49,120	46,035	47,089	43,557	44,364	42,101	42,204	42,039	41,592	44,671	42,812	46,005	44,916
46	50,472	47,150	49,206	46,065	47,172	43,586	44,443	42,130	42,280	42,068	41,666	44,702	42,889
47	48,656	48,389	50,571	47,209	49,303	46,122	47,265	43,642	44,532	42,184	42,365	42,123	41,749
48	53,740	46,563	48,736	48,433	50,655	47,252	49,385	46,165	47,345	43,684	44,607	42,225	42,436
49	51,314	50,785	53,789	46,583	48,781	48,455	50,702	47,275	49,432	46,188	47,390	43,706	44,650
50	49,864	49,285	51,329	50,770	53,806	46,570	48,796	48,443	50,719	47,264	49,449	46,178	47,407
51	50,401	48,415	49,850	49,234	51,315	50,719	53,792	46,524	48,784	48,396	50,707	47,218	49,438
52	49,079	49,507	50,351	48,328	49,800	49,147	51,265	50,630	53,740	46,443	48,738	48,313	50,659
53	49,438	48,448	49,010	49,391	50,281	48,215	49,732	49,034	51,196	50,514	53,668	46,338	48,672
54	48,221	49,868	49,376	48,314	48,950	49,255	50,219	48,084	49,672	48,902	51,135	50,379	53,605
55	46,137	48,631	48,151	49,585	49,305	48,138	48,880	49,077	50,149	47,911	49,602	48,727	51,064
56	46,062	45,724	46,057	48,400	48,069	49,451	49,222	47,913	48,799	48,849	50,066	47,689	49,520
57	40,923	45,627	45,973	45,489	45,970	48,152	47,979	49,199	49,130	47,670	48,709	48,602	49,974
58	43,245	40,479	40,826	45,359	45,865	45,223	45,862	47,872	47,868	48,914	49,017	47,395	48,597
59	40,774	42,113	43,124	40,208	40,712	45,058	45,738	44,924	45,737	47,556	47,738	48,593	48,884
60	39,332	39,274	40,626	41,794	42,968	39,904	40,565	44,719	45,574	44,588	45,574	47,201	47,569
61	40,199	37,531	39,142	38,901	40,432	41,399	42,763	39,528	40,372	44,300	45,359	44,171	45,359
62	39,363	38,037	39,947	37,130	38,898	38,487	40,181	40,961	42,499	39,112	40,123	43,835	45,080
63	30,225	37,592	39,075	37,588	39,655	36,692	38,615	38,035	39,890	40,483	42,192	38,656	39,834
64	30,463	28,830	29,994	37,099	38,778	37,097	39,354	36,215	38,323	37,543	39,590	39,961	41,876
65+	439,728	361,256	451,548	372,261	462,635	391,052	482,180	409,346	501,981	426,267	520,439	443,980	539,814
17+	2,521,212	2,490,146	2,552,541	2,520,946	2,583,105	2,550,757	2,612,953	2,579,832	2,642,320	2,608,233	2,671,251	2,635,896	2,699,665
17+ m/f	4,979,521		5,042,687		5,104,051		5,163,710		5,222,152		5,279,484		5,335,561

Source: OFM Forcasting Division, Prepared: 10–28–92. (APPENDICE92:APP_B–3 12/21/92;AGE:pop90_20:12/18/92)

Appendix B-3 (continued)
OFM Population Forecast by Single Year of Age and Sex
1990 to 2020

Age	2016 Male	2016 Female	2017 Male	2017 Female	2018 Male	2018 Female	2019 Male	2019 Female	2020 Male	2020 Female
17	45,069	42,732	44,955	42,620	44,939	42,600	45,083	42,735	45,373	43,008
18	45,514	43,122	45,329	42,945	45,215	42,833	45,200	42,813	45,346	42,950
19	46,002	43,555	45,784	43,349	45,599	43,171	45,485	43,059	45,472	43,040
20	46,460	43,952	46,279	43,787	46,060	43,580	45,875	43,401	45,761	43,290
21	47,032	44,459	46,746	44,192	46,565	44,026	46,345	43,819	46,160	43,639
22	47,853	45,182	47,327	44,716	47,041	44,449	46,859	44,282	46,639	44,075
23	48,766	46,006	48,176	45,475	47,647	45,007	47,361	44,738	47,179	44,571
24	50,169	47,312	49,125	46,354	48,531	45,818	47,999	45,347	47,713	45,077
25	50,733	47,884	50,547	47,724	49,497	46,759	48,900	46,219	48,364	45,746
26	51,106	48,262	51,108	48,356	50,922	48,195	49,865	47,222	49,265	46,678
27	49,409	46,844	51,466	48,763	51,469	48,858	51,283	48,697	50,220	47,715
28	48,452	46,016	49,726	47,339	51,797	49,279	51,801	49,376	51,615	49,215
29	47,773	45,708	48,736	46,497	50,019	47,835	52,103	49,797	52,108	49,896
30	48,996	47,380	48,018	46,165	48,987	46,963	50,278	48,315	52,373	50,298
31	48,150	46,723	49,213	47,827	48,231	46,601	49,206	47,407	50,503	48,774
32	47,627	46,009	48,346	47,138	49,414	48,252	48,429	47,016	49,409	47,831
33	47,839	46,882	47,809	46,401	48,532	47,539	49,604	48,665	48,616	47,419
34	45,910	44,758	48,034	47,248	48,004	46,763	48,732	47,912	49,810	49,047
35	48,326	46,789	46,122	45,042	48,258	47,547	48,228	47,061	48,961	48,218
36	47,126	45,371	48,580	47,014	46,366	45,259	48,514	47,776	48,486	47,289
37	43,628	42,396	47,381	45,543	48,844	47,192	46,619	45,431	48,780	47,958
38	42,288	41,287	43,842	42,537	47,614	45,695	49,086	47,351	46,850	45,584
39	41,664	40,009	42,480	41,408	44,041	42,662	47,831	45,829	49,312	47,491
40	40,560	38,869	41,802	40,110	42,622	41,513	44,188	42,771	47,992	45,946
41	39,834	38,188	40,626	38,950	41,671	40,192	42,693	41,599	44,262	42,860
42	39,044	36,954	39,842	38,244	40,635	39,008	41,881	40,252	42,703	41,662
43	39,290	38,454	39,024	36,992	39,821	38,283	40,615	39,049	41,861	40,294
44	40,231	39,367	39,252	38,484	38,987	37,022	39,784	38,314	40,578	39,081
45	46,112	45,381	40,213	39,415	39,235	38,531	38,972	37,068	39,769	38,362
46	46,038	44,997	46,145	45,463	40,244	39,487	39,265	38,602	39,002	37,137
47	44,760	42,975	46,100	45,089	46,207	45,556	40,299	39,568	39,320	38,682
48	42,163	41,820	44,804	43,049	46,147	45,167	46,255	45,635	40,341	39,637
49	42,246	42,478	42,186	41,861	44,829	43,092	46,174	45,213	46,283	45,682
50	43,697	44,666	42,238	42,494	42,179	41,877	44,823	43,109	46,168	45,232
51	46,134	47,397	43,656	44,656	42,200	42,486	42,142	41,870	44,785	43,102
52	47,137	49,391	46,057	47,354	43,583	44,616	42,132	42,448	42,075	41,834
53	48,204	50,591	47,032	49,326	45,956	47,293	43,489	44,559	42,042	42,395
54	46,214	48,615	48,077	50,533	46,909	49,270	45,838	47,240	43,378	44,509
55	50,200	53,531	46,052	48,549	47,909	50,465	46,747	49,205	45,681	47,179
56	48,502	50,981	49,970	53,445	45,843	48,473	47,694	50,386	46,539	49,130
57	47,449	49,429	48,261	50,889	49,723	53,350	45,618	48,389	47,462	50,299
58	48,323	49,860	47,180	49,317	47,988	50,776	49,444	53,233	45,364	48,284
59	47,085	48,466	48,010	49,727	46,876	49,187	47,681	50,644	49,131	53,095
60	48,232	48,711	46,738	48,297	47,659	49,554	46,536	49,017	47,337	50,471
61	46,761	47,346	47,786	48,484	46,309	48,073	47,224	49,326	46,114	48,793
62	43,709	45,081	46,274	47,058	47,293	48,190	45,833	47,784	46,742	49,031
63	43,326	44,756	43,204	44,759	45,743	46,723	46,754	47,849	45,313	47,447
64	38,159	39,536	42,772	44,423	42,655	44,428	45,164	46,379	46,166	47,499
65+	463,525	561,090	480,700	579,669	501,871	602,740	522,248	625,354	544,398	649,424
17+	2,662,827	2,727,570	2,689,130	2,755,077	2,714,886	2,782,235	2,740,179	2,809,131	2,765,121	2,835,876
17+ m/f		5,390,397		5,444,207		5,497,121		5,549,310		5,600,997

Source: OFM Forcasting Division, Prepared: 10-28-92. (APPENDICE92:APP_B-3:12/21/92:AGE:pop90_20:12/18/92)

Appendix B–4
OFM Population Forecasts and Fall Enrollments by Selected Age Groups
1970 to 1992

Year	Fall Enrollments			Population by Age Groups						17–22 As
	4–Yr	2–Yr	2 & 4–Yr	17–22	23–29	30–44	45+	0+	17+	Percent of 0+
1970	71,628	108,679	180,307	386,228	348,787	568,187	1,019,428	3,417,244	2,322,630	11.3023
1971	73,051	104,454	177,505	385,513	367,221	566,510	1,032,364	3,436,300	2,351,608	11.2188
1972	72,988	118,647	191,635	389,256	377,327	559,678	1,041,520	3,430,300	2,367,781	11.3476
1973	72,562	133,835	206,397	393,923	389,485	569,069	1,052,300	3,444,300	2,404,777	11.4370
1974	74,519	141,414	215,933	405,368	409,475	591,456	1,070,027	3,508,700	2,476,326	11.5532
1975	78,182	151,644	229,826	416,100	430,775	610,345	1,087,834	3,567,900	2,545,054	11.6623
1976	78,400	140,824	219,224	422,771	458,592	631,070	1,105,407	3,634,900	2,617,840	11.6309
1977	80,425	154,892	235,317	433,584	472,869	671,033	1,124,653	3,714,500	2,702,139	11.6727
1978	79,485	167,628	247,113	445,725	495,505	722,157	1,149,060	3,836,200	2,812,447	11.6189
1979	82,036	191,529	273,565	456,713	524,045	779,238	1,176,898	3,979,200	2,936,894	11.4775
1980	82,696	184,391	267,087	467,078	551,549	841,859	1,206,606	4,132,156	3,067,092	11.3035
1981	79,640	138,955	218,595	466,341	568,495	889,972	1,226,720	4,229,278	3,151,528	11.0265
1982	77,697	123,776	201,473	456,307	574,071	925,672	1,240,914	4,276,549	3,196,964	10.6700
1983	78,092	125,520	203,612	438,205	566,470	962,061	1,259,082	4,307,247	3,225,818	10.1737
1984	78,194	129,861	208,055	422,619	567,634	999,981	1,275,231	4,354,067	3,265,465	9.7063
1985	76,564	130,498	207,062	413,565	565,430	1,041,188	1,294,534	4,415,785	3,314,717	9.3656
1986	76,558	134,522	211,080	405,270	559,736	1,076,701	1,314,145	4,462,212	3,355,852	9.0823
1987	77,781	132,838	210,619	403,788	556,577	1,115,468	1,337,577	4,527,098	3,413,410	8.9194
1988	78,250	135,012	213,262	408,534	554,537	1,152,895	1,371,461	4,816,886	3,487,427	8.4813
1989	78,043	134,775	212,818	411,322	552,486	1,193,913	1,409,812	4,728,077	3,567,533	8.6996
1990	80,520	134,779	215,299	412,620	552,925	1,243,977	1,452,081	4,866,692	3,661,603	8.4784
1991	80,989	135,082	216,071	414,710	546,517	1,296,767	1,492,580	5,000,400	3,750,574	8.2935
1992	82,288	n.a.	n.a.	412,828	547,820	1,320,144	1,548,338	5,116,700	3,829,130	8.0682

n.a.= Not Applicable.

Sources: Enrollment data is from OFM HEER.
Population data is from OFM Forecasting Division (10–28–92).

(APPENDICE92:APP_B–4:12/21/92)

Appendix B–5
Participation Rate of Four–Year Public Universities/College
Based on Fall Headcount Enrollment, 1970 to 1992

Year	Age 17–22	23–29	30+	17+
1970	12.2922	4.9993	0.4230	3.0839
1971	12.3817	5.1010	0.4119	3.1064
1972	11.9271	5.1767	0.4389	3.0825
1973	11.4215	5.1499	0.4633	3.0174
1974	11.0561	5.1239	0.5248	3.0093
1975	10.8580	5.2478	0.6122	3.0719
1976	10.5435	4.9613	0.6377	2.9948
1977	10.5924	4.8043	0.6560	2.9763
1978	10.1780	4.4770	0.6378	2.8262
1979	10.2644	4.3265	0.6382	2.7933
1980	10.2998	4.0319	0.6029	2.6962
1981	10.0774	3.7503	0.5350	2.5270
1982	10.1237	3.5330	0.5179	2.4303
1983	10.5718	3.4787	0.5430	2.4208
1984	10.8850	3.3950	0.5679	2.3946
1985	10.9402	3.2952	0.5432	2.3098
1986	10.9969	3.3259	0.5594	2.2813
1987	11.0910	3.3476	0.5856	2.2787
1988	11.1628	3.2867	0.5712	2.2438
1989	11.2311	3.2227	0.5393	2.1876
1990	11.4762	3.3395	0.5453	2.1990
1991	11.4617	3.4632	0.5209	2.1594
1992	11.5484	3.6718	0.5054	2.1490

(BOOK92:4pr7092G:12/15/92)

Appendix B–6
Participation Rate of Public Two–Year Community Colleges
Annual Average FTE Enrollment, 1970 to 1991

Year	Age 17–22	23–29	30+	17+
1970	Not Avail.	Not Avail.	Not Avail.	2.7086
1971	Not Avail.	Not Avail.	Not Avail.	2.8140
1972	Not Avail.	Not Avail.	Not Avail.	2.9510
1973	Not Avail.	Not Avail.	Not Avail.	3.0798
1974	Not Avail.	Not Avail.	Not Avail.	3.2878
1975	Not Avail.	Not Avail.	Not Avail.	3.4094
1976	Not Avail.	Not Avail.	Not Avail.	3.1816
1977	9.7381	4.5482	1.2216	3.1703
1978	9.5211	4.4940	1.2552	3.1358
1979	8.6083	4.7444	1.7212	3.3316
1980	9.0582	4.9923	1.4896	3.2721
1981	8.4826	4.0009	1.1243	2.7320
1982	8.3036	3.7431	1.0492	2.5634
1983	8.2968	3.7368	1.1162	2.5518
1984	8.2606	3.7096	1.1980	2.5486
1985	8.3017	3.6323	1.2281	2.5207
1986	9.0019	3.4849	1.1886	2.5152
1987	9.1271	3.3589	1.1722	2.4698
1988	9.1956	3.2636	1.1380	2.4199
1989	9.5983	3.2491	1.0932	2.4077
1990	9.7463	3.2493	1.0324	2.3491
1991	9.8763	3.6143	1.0424	2.3940

(APPENDICE92:APP_B–6:12/21/92;BOOK92:2pr70_91FG:12/14/92)

Appendix B-7
Higher Education Public Universities/College FTE to Headcount Ratios
1987-88 to 1991-92*

Year	Fall Headcount	AA FTE	AA FTE/ Headcount
A: Two-Year Community Colleges			
1987-88	132,838	84,304	0.634638
1988-89	135,012	84,392	0.625070
1989-90	134,775	85,896	0.637329
1990-91	134,779	86,015	0.638193
1991-92 **	135,082	89,787	0.664685
	Five Year Average:		0.641319
B: Four-Year Universities/College			
1987-88	77,781	69,571	0.894447
1988-89	78,250	70,314	0.898581
1989-90	78,043	71,075	0.910716
1990-91	80,517	72,566	0.901251
1991-92	80,989	73,078 **	0.902320
	Five Year Average:		0.901463
C: Two- and Four-Year Universities/Colleges			
1987-88	210,619	153,875	0.730585
1988-89	213,262	154,706	0.725427
1989-90	212,818	156,971	0.737583
1990-91	215,296	158,581	0.736572
1991-92 **	216,071	162,865	0.753757
	Five Year Average:		0.736785

* Includes the Tri-Cities University Center enrollment in 1987-88 to 1988-89 and WSU Tri-Cities in 1989-90 to 1991-92.
** Includes Timber Worker Displacement Enrollment.

(APPENDICE92:APP_B-7:12/21/92;BOOK92:fte/hct:12/7/92)

Appendix B-8
Comparison of High School Graduates to High School Seniors
School Years 1964-65 to 2002-03

School Year	Fall Seniors (12th Grade)			Spring Graduates			Ratio of Graduates/Seniors		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
1964-1965	52,940	50,208	2,732	50,278	47,651	2,627	0.9497	0.9491	0.9616
1965-1966	51,376	48,768	2,608	48,198	45,636	2,562	0.9381	0.9358	0.9824
1966-1967	51,831	48,797	3,034	48,674	45,949	2,725	0.9391	0.9416	0.8982
1967-1968	52,544	49,803	2,741	49,221	46,490	2,731	0.9368	0.9335	0.9964
1968-1969	54,193	51,511	2,682	50,655	48,001	2,654	0.9347	0.9319	0.9896
1969-1970	56,886	54,048	2,838	53,212	50,425	2,787	0.9354	0.9330	0.9820
1970-1971	58,082	55,460	2,622	53,459	50,902	2,557	0.9204	0.9178	0.9752
1971-1972	58,843	56,383	2,460	53,954	51,563	2,391	0.9169	0.9145	0.9720
1972-1973	58,422	55,887	2,535	53,446	50,988	2,458	0.9148	0.9123	0.9696
1973-1974	59,395	56,931	2,464	54,255	51,868	2,387	0.9135	0.9111	0.9688
1974-1975	59,311	56,906	2,405	53,283	50,990	2,293	0.8984	0.8960	0.9534
1975-1976	60,037	57,605	2,432	53,305	51,012	2,293	0.8879	0.8855	0.9428
1976-1977	60,952	58,357	2,595	53,297	50,885	2,412	0.8744	0.8720	0.9295
1977-1978	61,855	59,405	2,450	53,349	51,101	2,248	0.8625	0.8602	0.9176
1978-1979	63,361	60,662	2,699	53,537	51,108	2,429	0.8450	0.8425	0.9000
1979-1980	62,114	59,322 *	2,792	52,928	50,402	2,526	0.8521	0.8496	0.9047
1980-1981	61,948	59,068 *	2,880	52,504	49,912 #	2,592	0.8475	0.8450	0.9000
1981-1982	62,394	59,462 *	2,932	52,595	49,971 #	2,624	0.8429	0.8404	0.8950
1982-1983	58,953	55,831 *	3,122	49,446	46,667	2,779	0.8387	0.8359	0.8901
1983-1984	56,540	53,364 *	3,176	47,427	44,606 #	2,821	0.8388	0.8359	0.8882
1984-1985	57,410	54,110 *	3,300	48,735	45,798	2,937	0.8489	0.8464	0.8900
1985-1986	57,034	53,870 *	3,164	48,630	45,805	2,825	0.8526	0.8503	0.8928
1986-1987	59,930	56,690 *	3,240	49,576	46,769	2,807	0.8272	0.8250	0.8662
1987-1988	61,607	58,520 *	3,087	52,620	49,858	2,762	0.8541	0.8520	0.8946
1988-1989	60,912	57,921 *	2,991	51,563	48,911	2,652	0.8465	0.8444	0.8867
1989-1990	56,484	53,840 *	2,644	47,534	45,203	2,331	0.8415	0.8396	0.8816
1990-1991	54,388	51,856 *	2,532	45,703	43,474	2,229	0.8403	0.8384	0.8803
PROJECTED									
1991-1992	55,659	53,038 *	2,621	46,774	44,467	2,307	0.8404	0.8384	0.8803
1992-1993	56,530	53,930 **	2,600	47,504	45,215	2,289	0.8403	0.8384	0.8803
1993-1994	57,700	55,100 **	2,600	48,485	46,196	2,289	0.8403	0.8384	0.8803
1994-1995	62,150	59,450 **	2,700	52,220	49,843	2,377	0.8402	0.8384	0.8803
1995-1996	64,000	61,300 **	2,700	53,771	51,394	2,377	0.8402	0.8384	0.8803
1996-1997	67,850	65,150 **	2,700	56,999	54,622	2,377	0.8401	0.8384	0.8803
1997-1998	71,400	68,600 **	2,800	59,979	57,514	2,465	0.8400	0.8384	0.8803
1998-1999	74,050	71,250 **	2,800	62,201	59,736	2,465	0.8400	0.8384	0.8803
1999-2000	77,250	74,350 **	2,900	64,888	62,335	2,553	0.8400	0.8384	0.8803
2000-2001	78,900	75,900 **	3,000	66,276	63,635	2,641	0.8400	0.8384	0.8803
2001-2002	79,450	76,450 **	3,000	66,737	64,096	2,641	0.8400	0.8384	0.8803
2002-2003	80,800	77,800 **	3,000	67,869	65,228	2,641	0.8400	0.8384	0.8803

* October headcount 12th grade public school enrollment tabulations from Superintendent of Public Instruction Report P105. These tabulations eliminate the double counting of students attending vocational skill centers outside their home school district and will not match other published figures.

Estimated; actual data inaccurate or not available.

** Special forecast of 12th grade enrollment using Report P105 data.

Note: Data on private high school graduates are not available after 1969. The existing data are poor because of large discrepancies between the number of schools reporting fall 12th grade enrollment and those reporting spring graduates. In the 1965-66 school year, the most comparable number of schools reported fall seniors and spring graduates. The number of graduates and the ratio of graduates to seniors are estimated beginning in 1968-69 and adjusted from 1979-80 to correspond to the revised public graduate series.

(APPENDICE92:APP_B-8:12/21/92:BOOK92:hssenior:12/21/92)

Appendix B–9
Applied, Admitted, and New Enrolled Student Statistics for Fall Terms 1991 and 1992 as of the 10th Day of Class

University	1991 Applied	1991 Admitted	1991 Enrolled	1992 Applied	1992 Admitted	1992 Enrolled
UW Main Campus	35,979	16,986	10,104	39,563	16,491	10,361
Freshman	11,068	7,461	3,664	12,516	6,969	3,483
Transfer	6,596	2,740	2,698	6,498	2,794	3,275
Other [1]	3,057	2,380	1,154	3,165	2,317	991
Grad	15,258	4,405	2,588	17,384	4,411	2,612
WSU All Campus	10,170	8,346	5,429	13,424	9,700	5,469
Freshman	5,862	4,901	1,878	5,723	5,203	2,054
Transfer	3,413	2,579	2,168	3,365	2,613	2,123
Other	895	866	512	756	644	427
Grad	n.a.	n.a.	871	3,580	1,240	865
CWU Total	5,791	3,980	2,205	6,144	4,596	2,743
Freshman	2,938	1,930	877	2,785	2,011	1,007
Transfer	2,160	1,534	1,047	2,455	1,859	1,350
Other	236	201	201	332	301	315
Grad	457	315	80	572	425	71
EWU Total	6,424	5,465	3,055	7,002	5,940	3,075
Freshman	2,044	1,771	785	2,150	1,856	805
Transfer	2,314	2,030	1,325	2,685	2,315	1,350
Other	1,227	1,190	523	1,321	1,300	579
Grad	839	474	422	846	469	341
TESC Total	3,172	2,514	1,616	3,209	2,387	1,623
Freshman	1,409	1,176	456	1,326	1,021	403
Transfer	1,406	1,088	730	1,501	1,133	778
Other	71	67	292	59	55	300
Grad	286	183	138	323	178	142
WWU Total	8,957	6,686	3,309	10,014	6,423	3,363
Freshman	4,386	3,739	1,551	5,167	3,459	1,457
Transfer	3,061	1,884	1,098	3,169	1,623	1,065
Other	706	398	372	836	650	523
Grad	804	665	288	842	691	318
All Universities/College	70,493	43,977	25,718	79,356	45,537	26,634
Freshman	27,707	20,978	9,211	29,667	20,519	9,209
Transfer	18,950	11,855	9,066	19,673	12,337	9,941
Other	6,192	5,102	3,054	6,469	5,267	3,135
Grad	17,644	6,042	4,387	23,547	7,414	4,349

[1] Undergrad–Other includes former student returning, new professional, new post–baccalaureate, and new special student.

Note: These are not unduplicated counts. Reflects applications to multiple schools.

(APPENDICE92:APP_B–9:12/21/92:3:ap_ad_en:11/5/92)

Appendix B-10
Percentages of Admitted and New Enrolled Students Statistics
For Fall Terms 1991 and 1992, as of the 10th Day of Class

University	1991 Percent Admitted [1]	1991 Percent Enrolled [2]	1992 Percent Admitted [1]	1992 Percent Enrolled [2]
UW Main Campus	47.21	59.48	41.68	62.83
Freshman	67.41	49.11	55.68	49.98
Transfer	41.54	98.47	43.00	117.22
Other [3]	77.85	48.49	73.21	42.77
Grad	28.87	58.75	25.37	59.22
WSU All Campus	82.06	65.05	72.26	56.38
Freshman	83.61	38.32	90.91	39.48
Transfer	75.56	84.06	77.65	81.25
Other	96.76	59.12	85.19	66.30
Grad	n.a.	n.a.	34.64	69.76
CWU Total	68.73	55.40	74.80	59.68
Freshman	65.69	45.44	72.21	50.07
Transfer	71.02	68.25	75.72	72.62
Other	85.17	100.00	90.66	104.65
Grad	68.93	25.40	74.30	16.71
EWU Total	85.07	55.90	84.83	51.77
Freshman	86.64	44.33	86.33	43.37
Transfer	87.73	65.27	86.22	58.32
Other	96.98	43.95	98.41	44.54
Grad	56.50	89.03	55.44	72.71
TESC Total	79.26	64.28	74.38	67.99
Freshman	83.46	38.78	77.00	39.47
Transfer	77.38	67.10	75.48	68.67
Other	94.37	435.82	93.22	545.45
Grad	63.99	75.41	55.11	79.78
WWU Total	74.65	49.49	64.14	52.36
Freshman	85.25	41.48	66.94	42.12
Transfer	61.55	58.28	51.21	65.62
Other	56.37	93.47	77.75	80.46
Grad	82.71	43.31	82.07	46.02
All Universities/College	62.38	58.48	57.38	58.49
Freshman	75.71	43.91	69.16	44.88
Transfer	62.56	76.47	62.71	80.58
Other	82.40	59.86	81.42	59.52
Grad	34.24	72.61	31.49	58.66

n.a. – Not Applicable.

[1] Number of admitted students per 100 applications.
[2] Number of enrolled students per 100 admitted students.
[3] Undergrad–Other includes former student returning, new professional, new post–baccalaureate, and new special student.

(APPENDICE92:APP_B-9:12/21/92;3:ap_ad_en:11/5/92)

Appendix B – 11
Fall Term Entering Freshman High School GPA Distribution
Public Four-Year Universities/College

	Fall 1987		Fall 1988		Fall 1989		Fall 1990		Fall 1991		Fall 1992	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Less than 2.00*												
UW	2	0.1%	3	0.1%	60	1.8%	11	0.3%	0	0.0%	1	0.0%
WSU	4	0.2%	4	0.2%	4	0.2%	0	0.0%	0	0.0%	0	0.0%
CWU	0	0.0%	0	0.0%	0	0.0%	3	0.3%	4	0.7%	8	0.8%
EWU	1	0.1%	1	0.1%	31	3.6%	54	6.7%	0	0.0%	0	0.0%
TESC	2	0.5%	1	0.2%	1	0.2%	0	0.0%	0	0.0%	0	0.0%
WWU	1	0.1%	2	0.1%	1	0.1%	1	0.1%	3	0.2%	0	0.0%
2.00 – 2.49*												
UW	81	2.3%	84	2.4%	75	2.2%	70	2.0%	37	1.0%	27	0.8%
WSU	114	4.8%	106	4.6%	95	3.7%	41	1.9%	48	2.8%	68	3.5%
CWU	2	0.2%	6	0.6%	8	0.7%	29	2.6%	24	2.7%	53	5.3%
EWU	87	10.2%	101	11.6%	76	8.9%	68	8.4%	56	7.6%	39	5.2%
TESC	25	6.5%	21	4.8%	19	4.7%	29	7.6%	43	9.0%	24	6.6%
WWU	20	1.4%	30	1.7%	10	0.8%	3	0.2%	7	0.5%	4	0.3%
2.50 – 2.99												
UW	198	5.7%	209	6.0%	188	5.6%	253	7.1%	178	3.5%	121	3.5%
WSU	813	34.1%	702	30.7%	836	32.6%	564	25.9%	484	27.8%	546	28.0%
CWU	358	40.4%	404	41.2%	455	41.9%	447	39.7%	333	38.0%	390	38.7%
EWU	304	35.6%	303	34.7%	304	35.7%	267	33.0%	264	36.0%	223	29.5%
TESC	126	32.9%	119	27.5%	119	29.7%	92	24.1%	129	26.8%	116	32.1%
WWU	482	33.1%	542	30.7%	115	9.0%	164	13.1%	277	17.9%	79	5.4%
3.00 – 3.49												
UW	1,134	32.5%	1,072	31.0%	1,085	32.3%	1,320	36.9%	1,294	35.5%	1,057	30.6%
WSU	877	36.8%	907	39.7%	1,020	39.7%	924	42.4%	704	40.4%	788	40.4%
CWU	338	38.1%	370	37.8%	405	37.3%	431	38.2%	338	38.5%	392	38.9%
EWU	285	33.4%	277	31.7%	251	29.5%	264	32.6%	261	35.6%	278	36.8%
TESC	136	35.5%	179	41.3%	177	44.1%	121	31.7%	183	37.9%	151	41.7%
WWU	663	45.5%	748	42.3%	653	51.1%	619	49.6%	738	47.6%	699	48.0%
3.50 – 4.00												
UW	2,077	59.5%	2,093	60.5%	1,954	58.1%	1,920	53.7%	2,131	58.6%	2,249	65.0%
WSU	573	24.1%	565	24.7%	612	23.8%	651	30.0%	508	29.1%	547	28.1%
CWU	188	21.2%	200	20.4%	218	20.1%	217	19.3%	175	19.9%	164	16.3%
EWU	176	20.6%	192	22.0%	190	22.3%	157	19.4%	153	20.8%	216	28.6%
TESC	94	24.5%	113	26.1%	57	14.2%	108	28.3%	127	26.3%	71	19.6%
WWU	291	20.0%	446	25.2%	502	39.2%	461	36.9%	526	34.0%	675	46.3%
					Average GPA							
UW	3.5		3.5		4		4		4		4	
WSU	3.2		3.2		3		3		3		3	
CWU	3.1		3.1		3		3		3		3	
EWU	3.1		3.1		3		3		3		3	
TESC	3.1		3.2		3		3		3		3	
WWU	3.2		3.2		3		3		3		4	
					Percent under 2.50							
UW	2%		3%		4%		2%		1.0%		0.8%	
WSU	5%		5%		4%		2%		2.8%		3.5%	
CWU	0%		1%		1%		3%		3.4%		6.1%	
EWU	10%		12%		13%		15%		7.6%		5.2%	
TESC	7%		5%		5%		8%		9.0%		6.6%	
WWU	1%		2%		1%		0%		0.7%		0.3%	

*A number of entering freshmen with a H.S. GPA below 2.5 are Equal Opportunity candidates.

(APPENDICE92:APP_B-11:12/21/92;Appendices:hsgpa:11/5/92)

Appendix B-12
Public Two- and Four-Year Universities/Colleges
Fall Term Headcount Enrollment Comparison: MIS, HEER, and IPEDS

A. Public Two-Year Colleges

Year	MIS	IPEDS	IPEDS-MIS	IPEDS/MIS	Five-Year Average
1980	184,391	192,841	8,450	1.0458	
1981	138,955	169,412	30,457	1.2192	
1982	123,776	119,749	-4,027	0.9675	
1983	125,520	120,733	-4,787	0.9619	
1984	129,861	122,051	-7,810	0.9399	
1985	130,498	123,609	-6,889	0.9472	
1986	134,522	135,025	503	1.0037	
1987	132,838	136,385	3,547	1.0267	
1988	135,012	141,116	6,104	1.0452	
1989	134,775	142,975	8,200	1.0608	
1990	134,779	146,277	11,498	1.0853	
1991	135,082	150,647	15,565	1.1152	1.0667

B. Public Four-Year Universities/College

Year	HEER	IPEDS	IPEDS-HEER	IPEDS/HEER	Five-Year Average
1980	83,206	83,409	203	1.0024	
1981	80,143	80,393	250	1.0031	
1982	78,112	78,312	200	1.0026	
1983	78,553	78,658	105	1.0013	
1984	78,659	78,810	151	1.0019	
1985	77,509	77,234	-275	0.9965	
1986	77,250	77,331	81	1.0010	
1987	77,781	77,722	-59	0.9992	
1988	78,250	78,175	-75	0.9990	
1989	78,043	78,386	343	1.0044	
1990	80,517	81,401	884	1.0110	
1991	80,989	81,882	893	1.0110	1.0049

C. Public Two- and Four-Year Universities/Colleges

Year	MIS+HEER	IPEDS	IPEDS - (MIS+HEER)	IPEDS/ (MIS+HEER)	Five-Year Average
1980	267,597	276,250	8,653	1.0323	
1981	219,098	249,805	30,707	1.1402	
1982	201,888	198,061	-3,827	0.9810	
1983	204,073	199,391	-4,682	0.9771	
1984	208,520	200,861	-7,659	0.9633	
1985	208,007	200,843	-7,164	0.9656	
1986	211,772	212,356	584	1.0028	
1987	210,619	214,107	3,488	1.0166	
1988	213,262	219,291	6,029	1.0283	
1989	212,818	221,361	8,543	1.0401	
1990	215,296	227,678	12,382	1.0575	
1991	216,071	232,529	16,458	1.0762	1.0437

Notes: MIS = Management Information System; HEER = Higher Education Enrollment Report; IPEDS = Integrated Post-Secondary Education Data System.

(APPENDICE92:APP_B-12:12/21/92;BOOK92:IPED_MIS:12/7/92)